

1 of _____

CHAIN OF CUSTODY FORM

Project/Client Name: EPA Smurfit 2019 Fish Tissue Study
 Project Number: SR2001
 Contact Name: Bill Mehnert 913-647-2534
 Form filled out by: _____

Ship to: ESAT 1 Denver Federal Center, Bldg 25 Door E-3, Denver, CO 80225
 Attn: Steve or Mike Shipping Date: _____
 Shipper: HGL Airbill #: _____

Sampling Personnel (print and sign)

Waterbody (name) _____ Location (reach code and/or lat/long) LOL

Processing Personnel (print and sign)

Sample #	Sample Date (m/d/y)	Sample Time (24-h clock)	Species (RT or NP)	Tissue Type (FT or CT)	Container	Preservative	Analysis*				Sample-Specific Comments
							Dioxins/furan	PCBs	% Lipids	% moisture	
<u>See comments</u>	<u>06/17/19</u>	<u>1600</u>	<u>NP</u>	<u>whole fish</u>	<u>Al foil</u>	<u>-24°C</u>	<u>(PCB) 6/17/19</u>				<u>LOL-NP-01 to LOL-NP-20</u>

Released by: DAVID SCHMETTER
 Company: MONTANA RWP
 Date/Time: JUNE 17, 2019
Rec'd By: RANDY JORDAN
 Company: HGL
 Date/Time: 6/17/19 1600

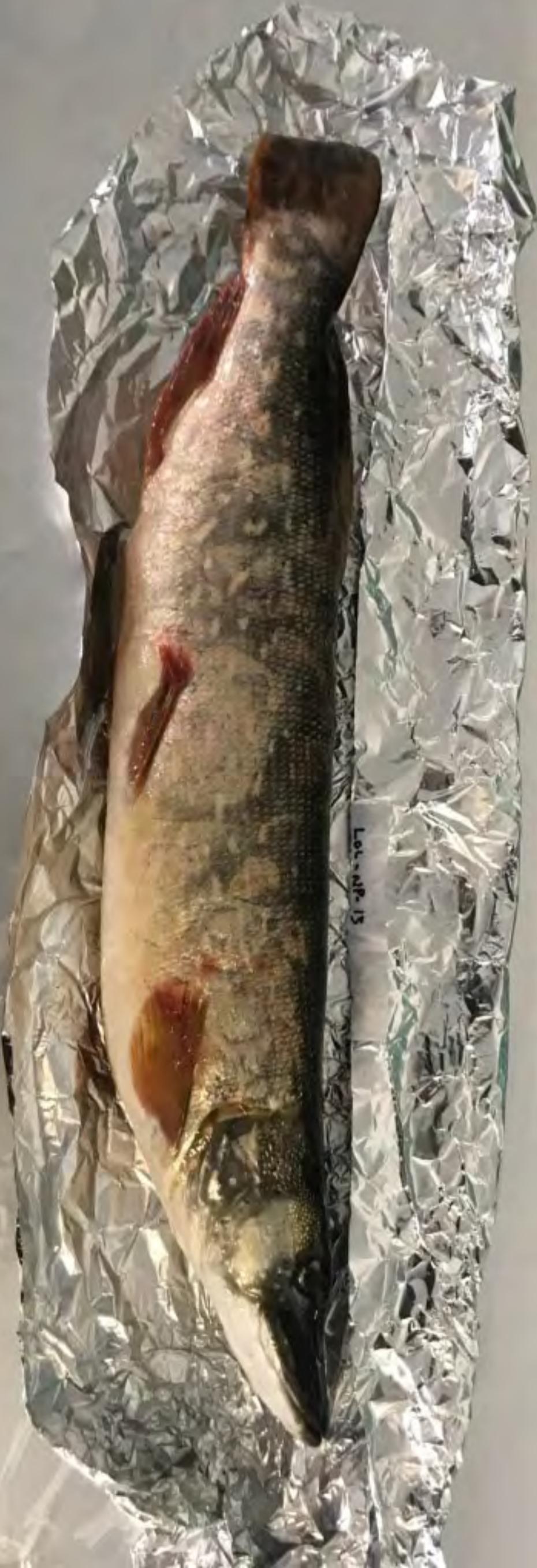
Released by: _____
 Company: _____
 Date/Time: _____
Rec'd By: _____
 Company: _____
 Date/Time: _____

Released by: _____
 Company: _____
 Date/Time: _____
Rec'd By: _____
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Released by: _____
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Rec'd By: _____
 Company: _____
 Date/Time: _____

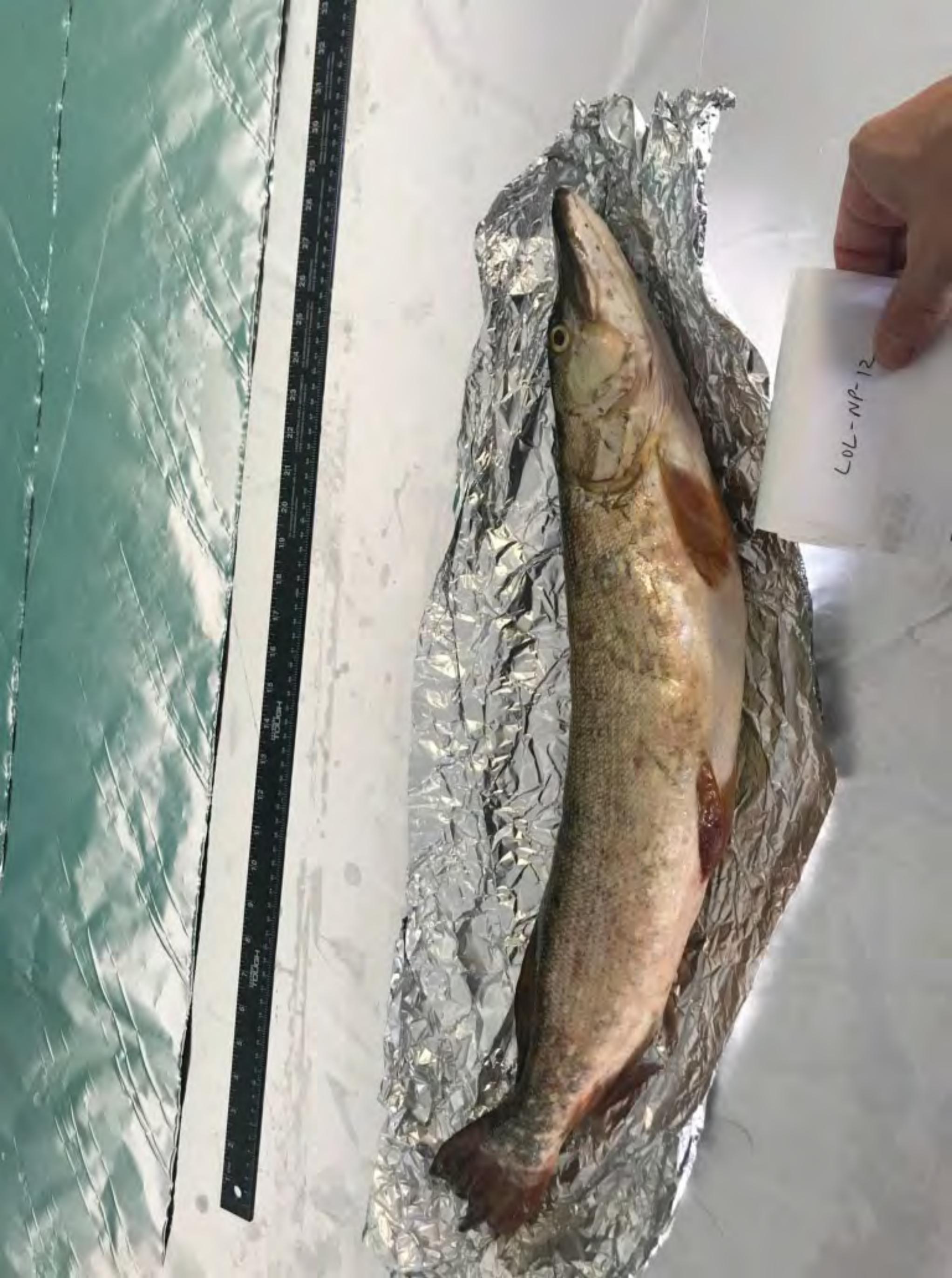
LAB USE ONLY
 Date of receipt: _____ Time of receipt: _____ Received by: _____ Cooler Temp: _____
 Condition upon receipt: _____

*EPA Method 1613B for dioxins/furans; EPA Method 1668C for PCBs; Gravimetric analysis for % moisture and % lipids (SOP HE-EXT007, Rev 2.1).
 RT = Rainbow trout; NP = northern pike; FT = fillet tissue; CT = carcass tissue



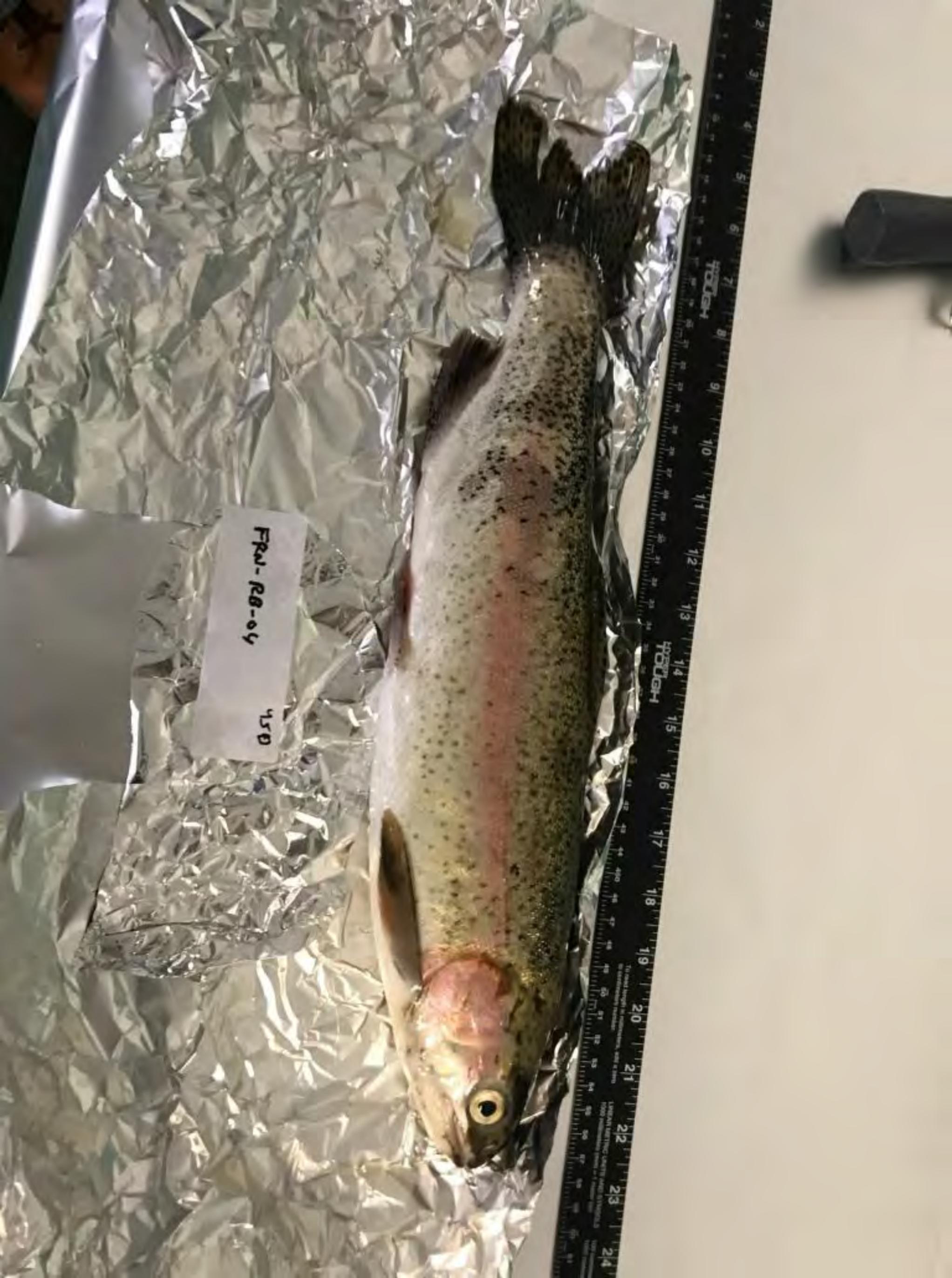
LOC-NR-15





L0L-NP-12





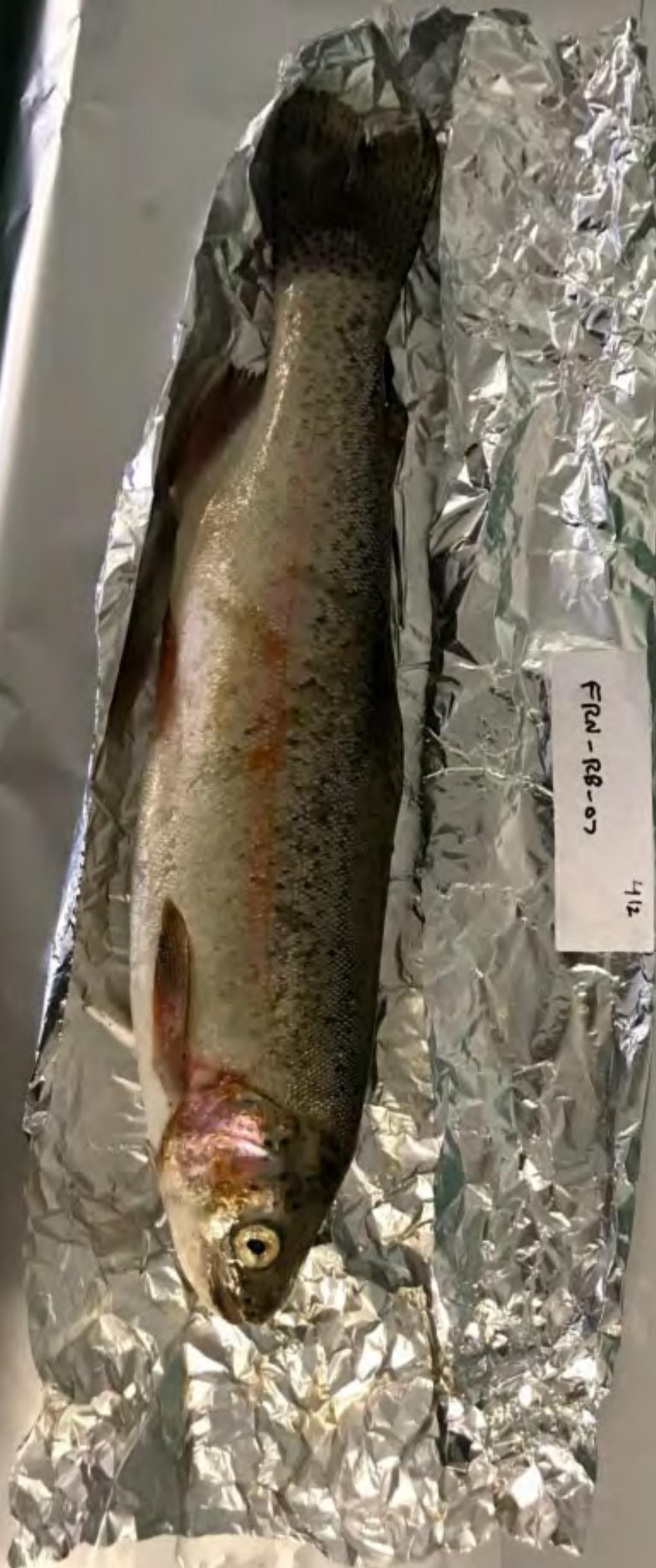
FRW-RB-04

450

FRM - 12B-02

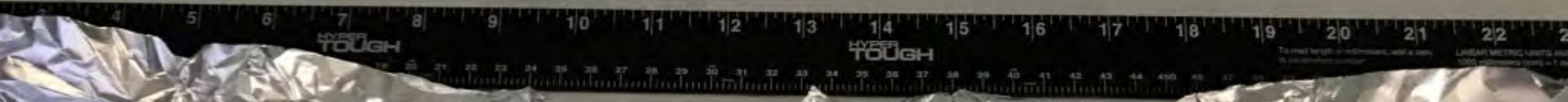
426





FRM - RB-07
412





FRN-RB-03 404
398



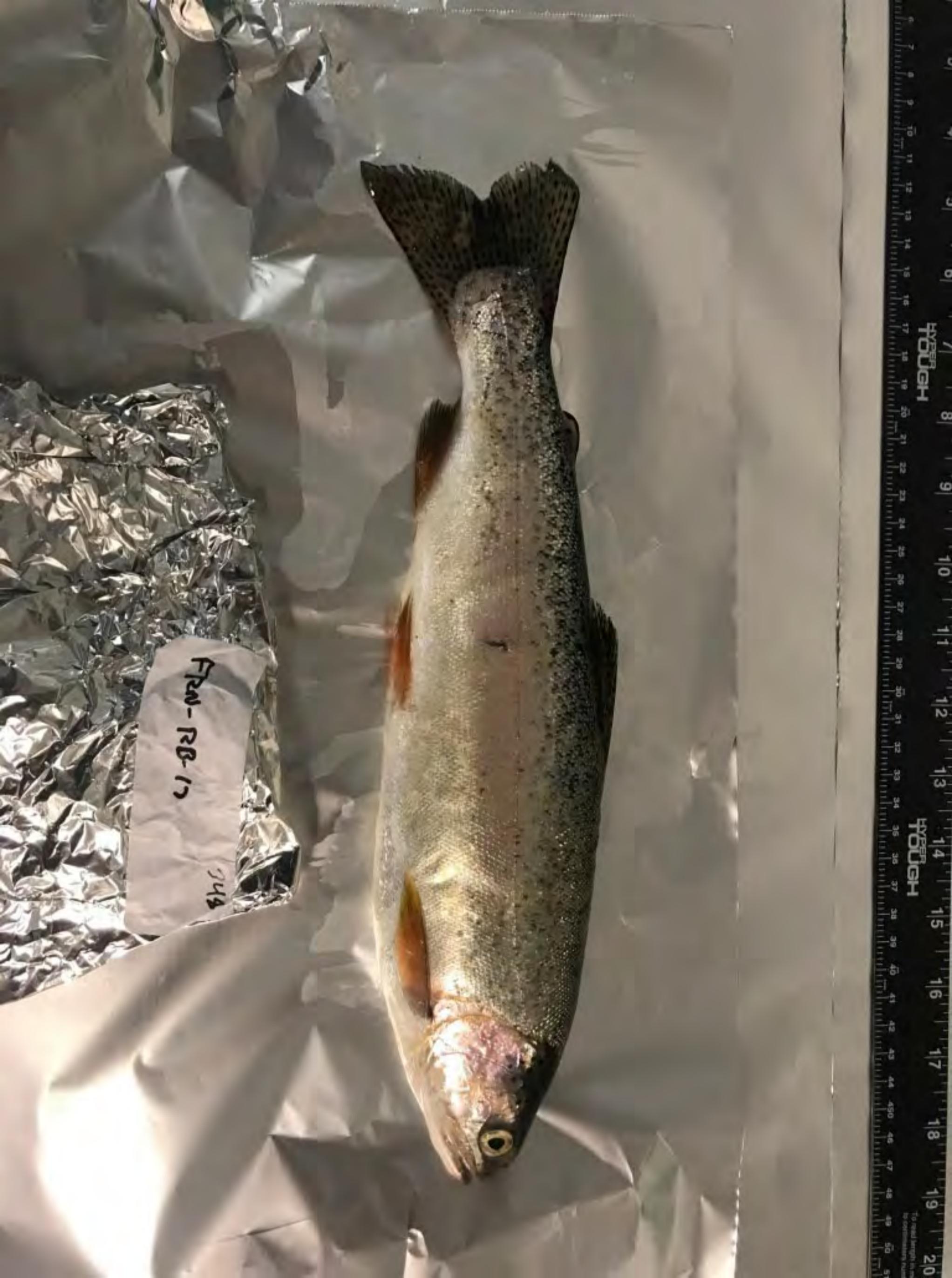
FRN-RB-18
254

HYPER TOUGH
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
HYPER TOUGH



2
20- RB-01
354

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
HUSKY
Tough



FRAN-RB-17

248



HYPER TOUGH

HYPER TOUGH

To read length in inches, use the top scale. To read length in centimeters, use the bottom scale.



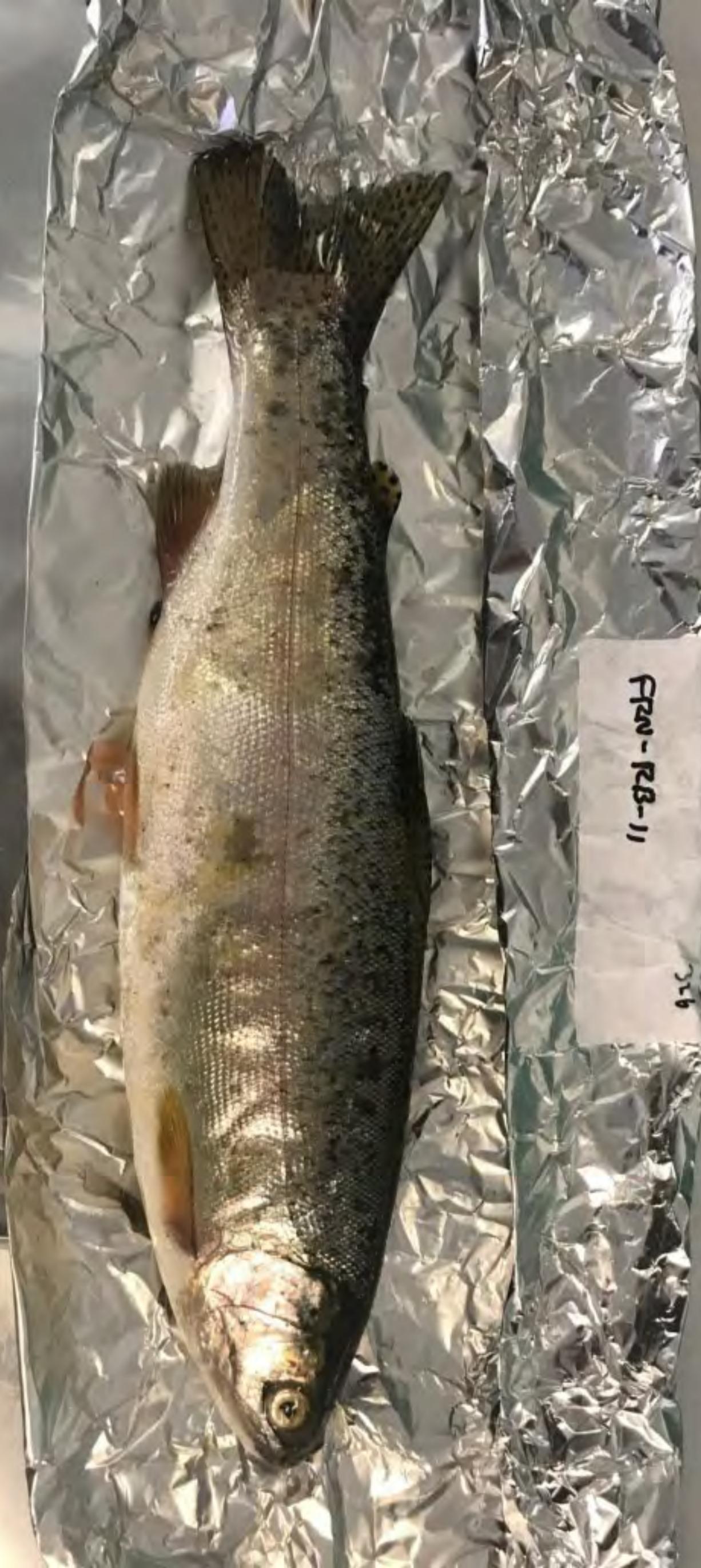
FRW-28-15
332



HYPER

HYPER

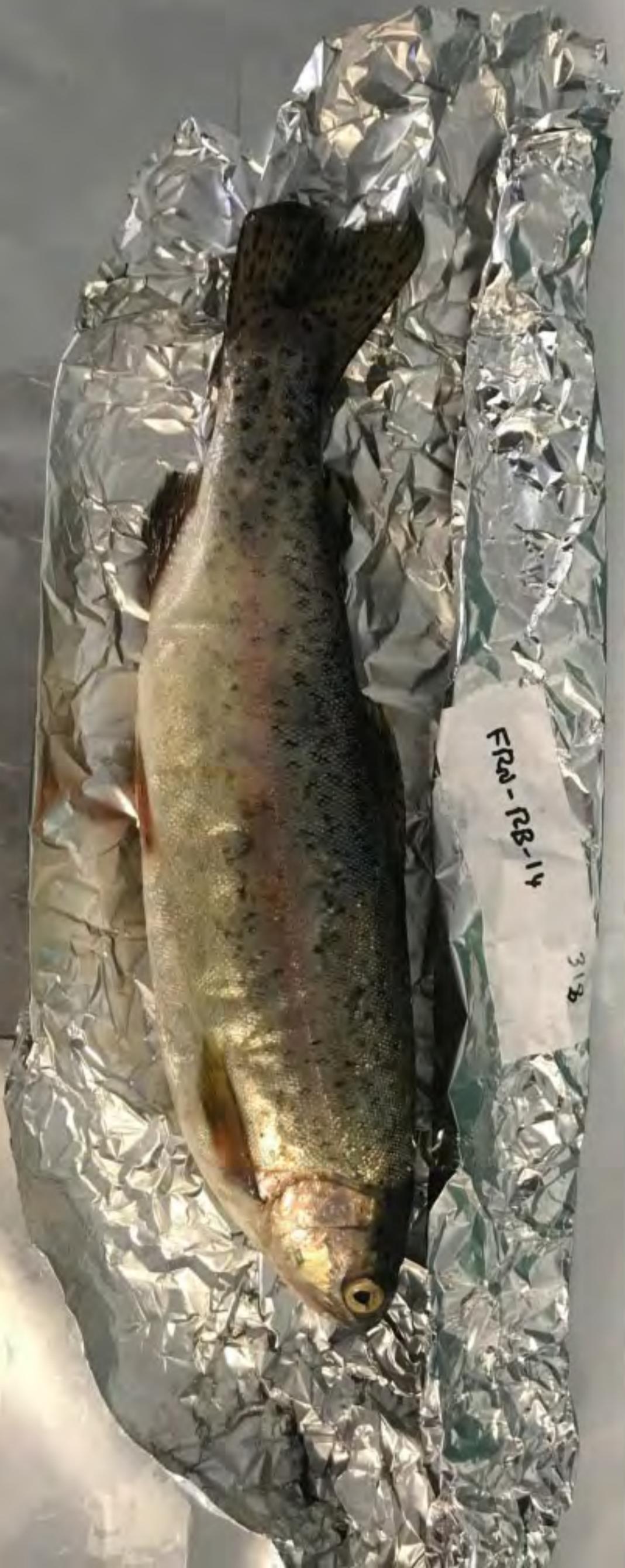
To read length in millimeters, multiply inches by 25.4.



FRAN - RCB-11

326





FRW-RB-14

3.2

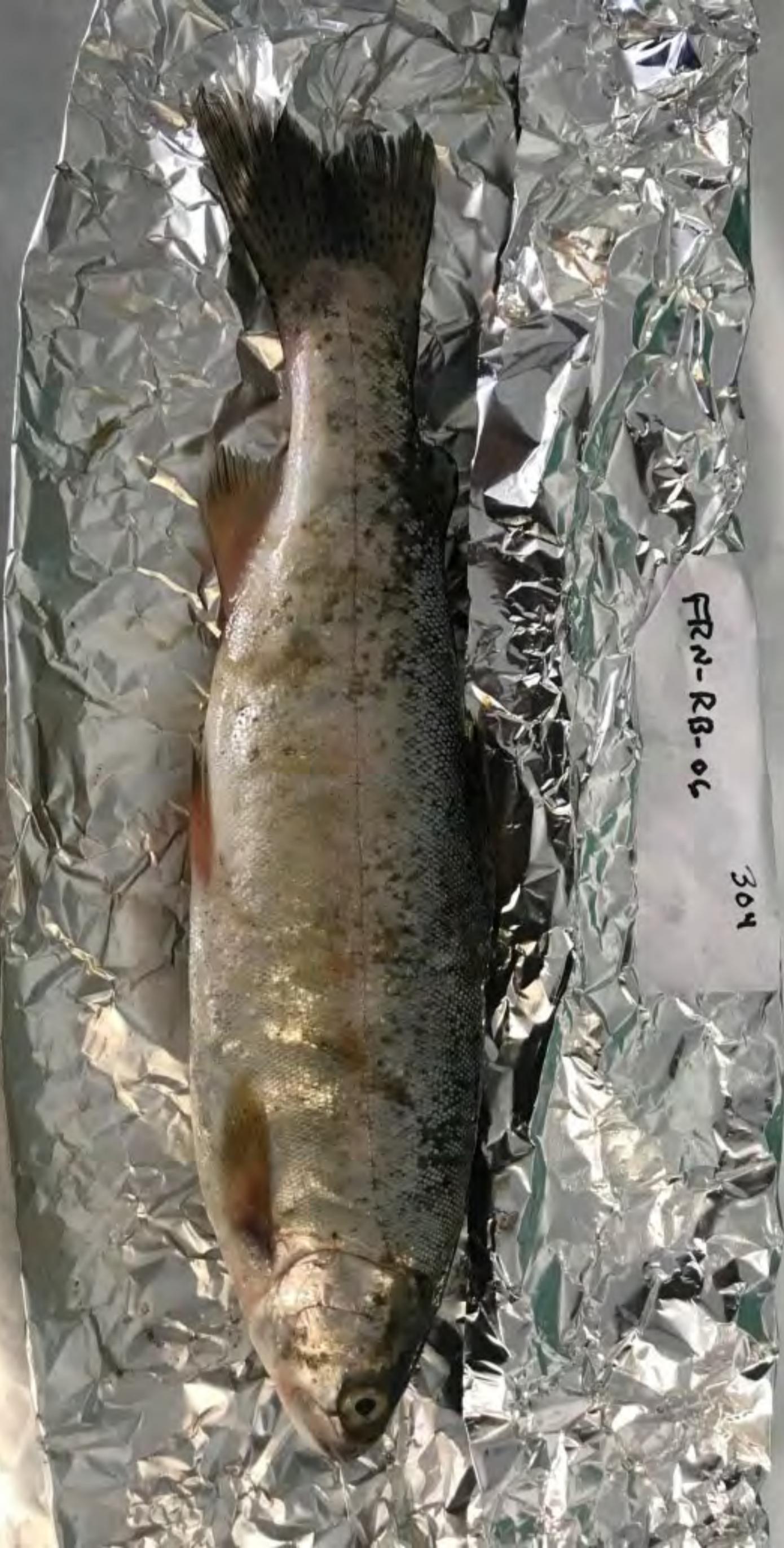




FRN-RB-09

310





FRN-RB-06

304

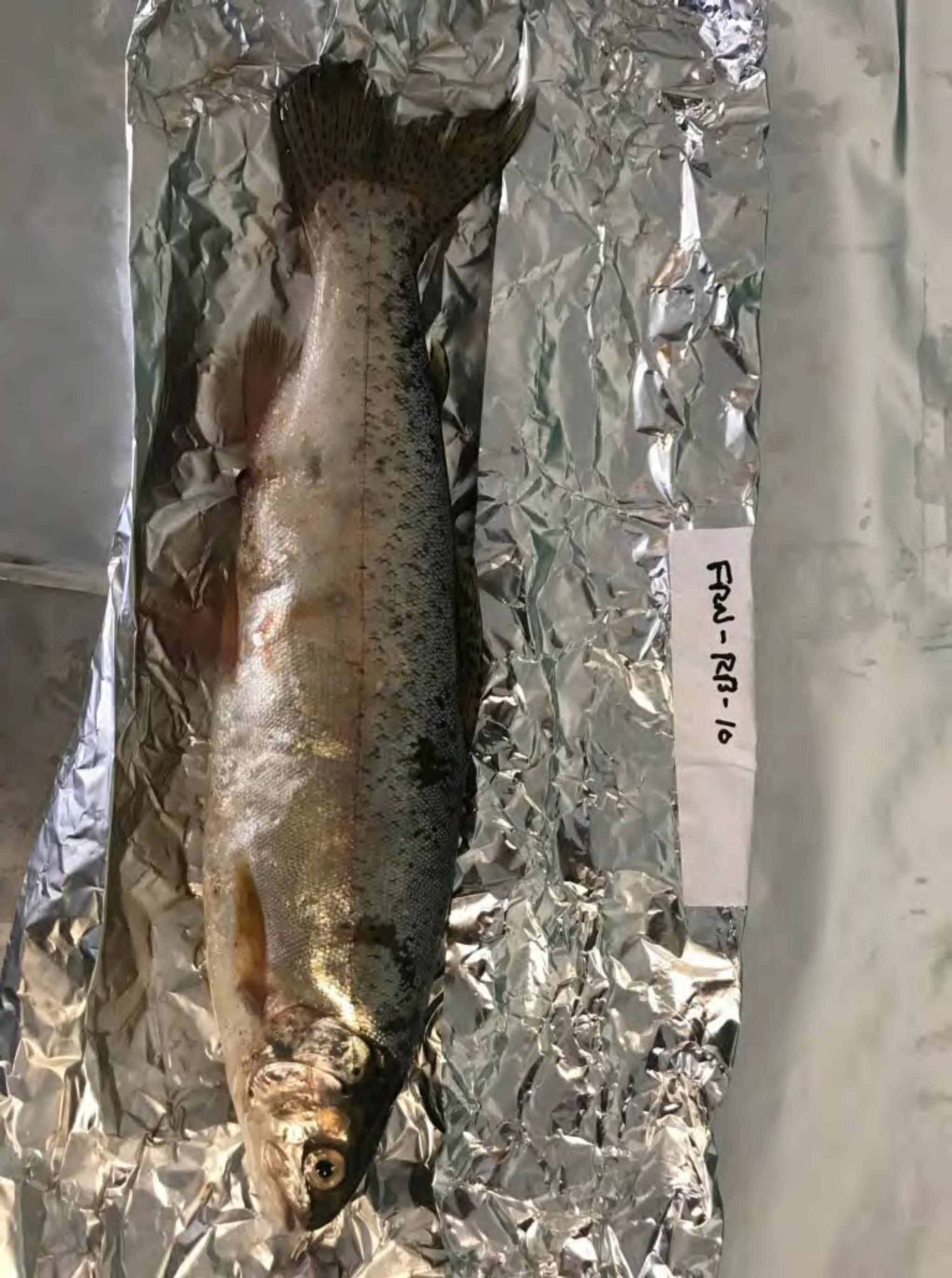


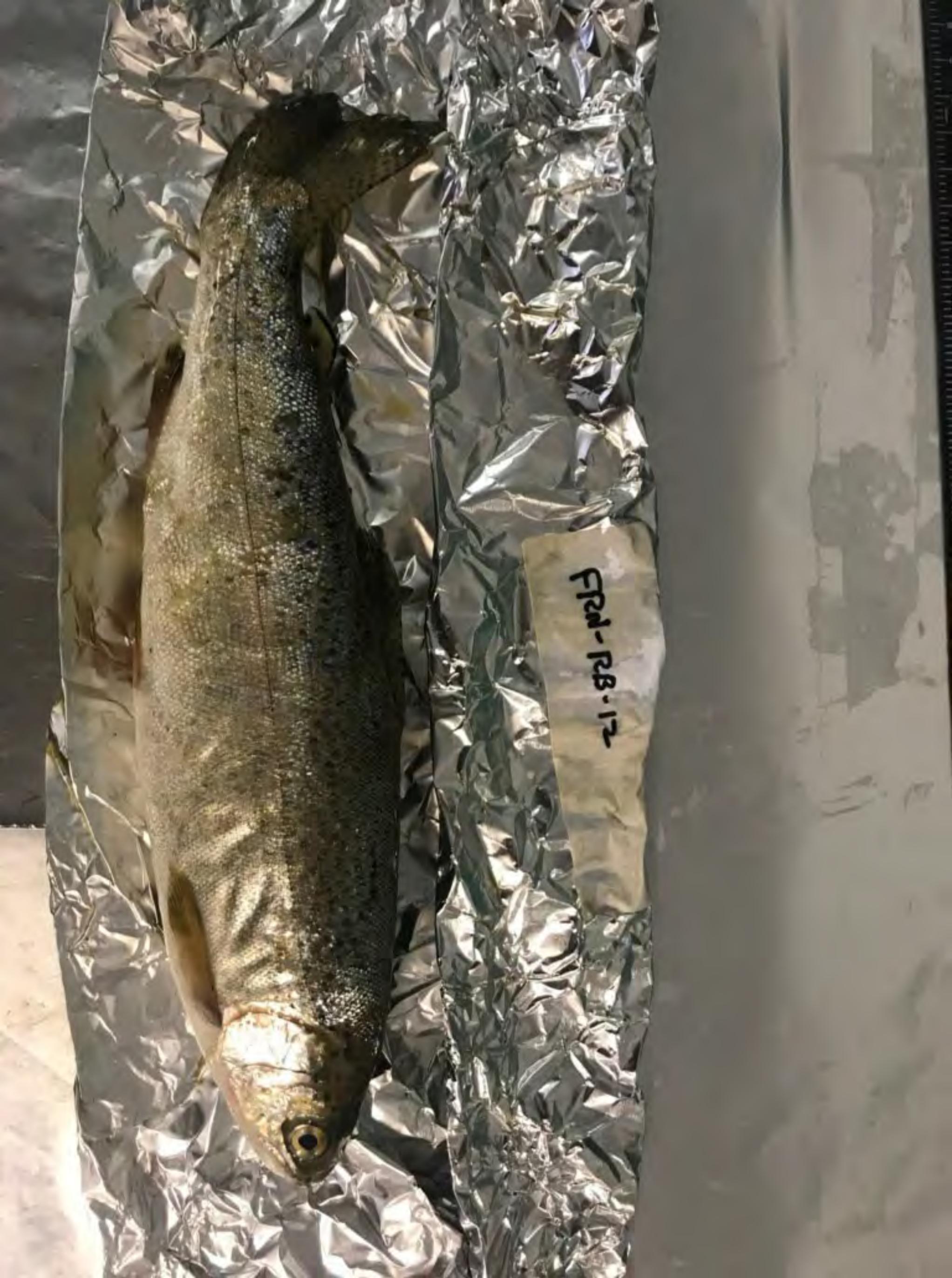
HYPER DUGH

HYPER DUGH

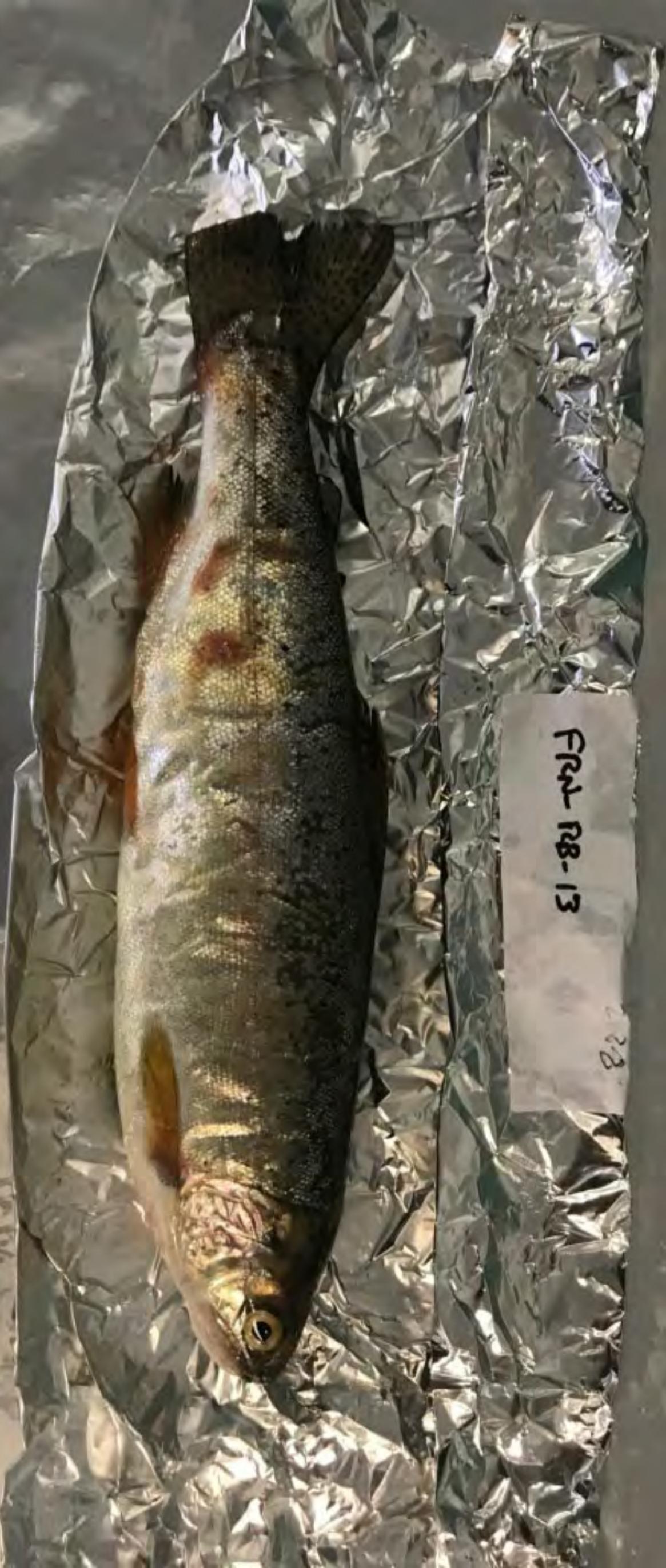
To read length in millimeters, add 25.4 to centimeter number.

FRW - RFB - 10



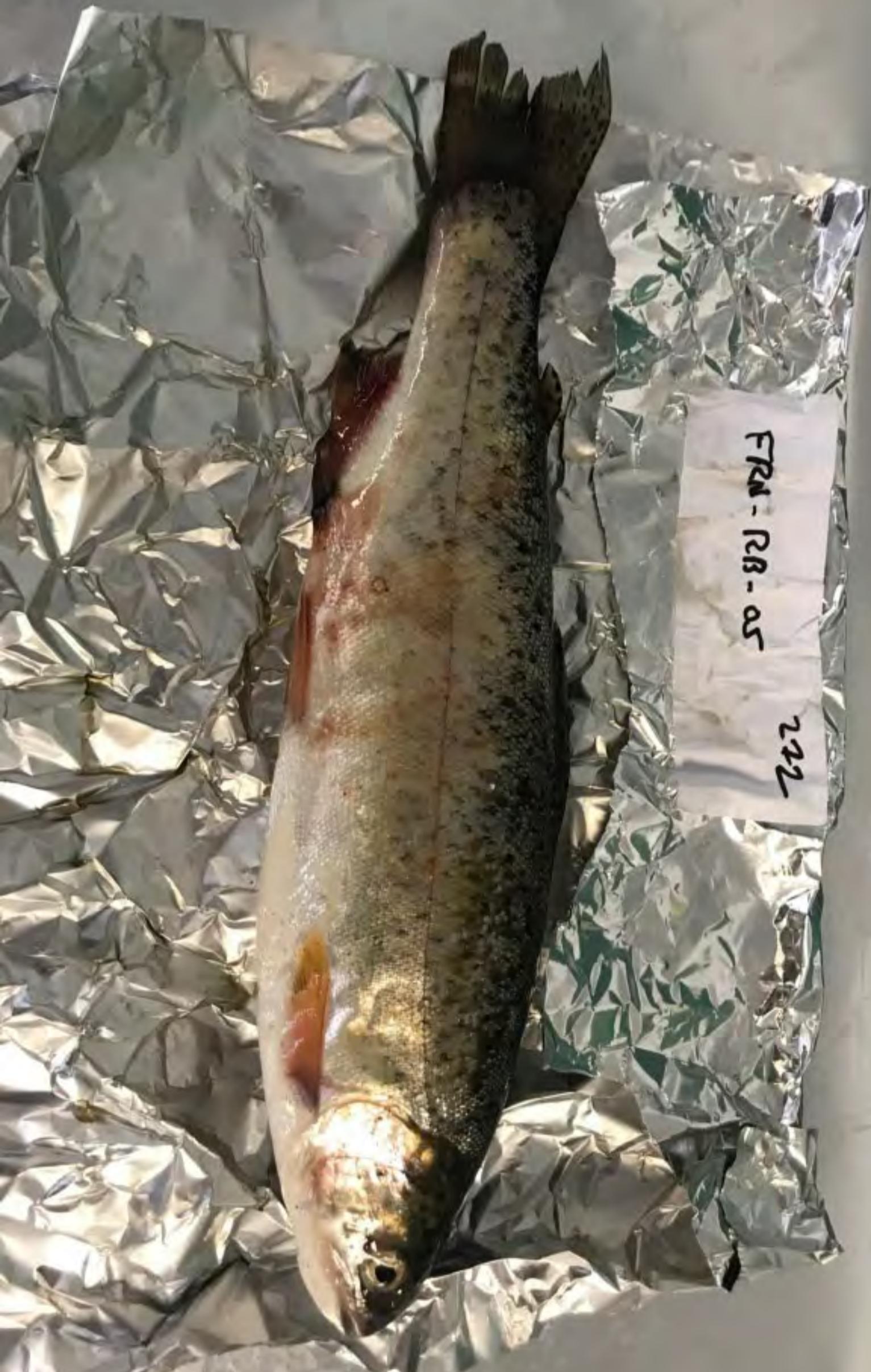


FP21-PB-12



FRW-18-13

28



FRM - RB - 05

222

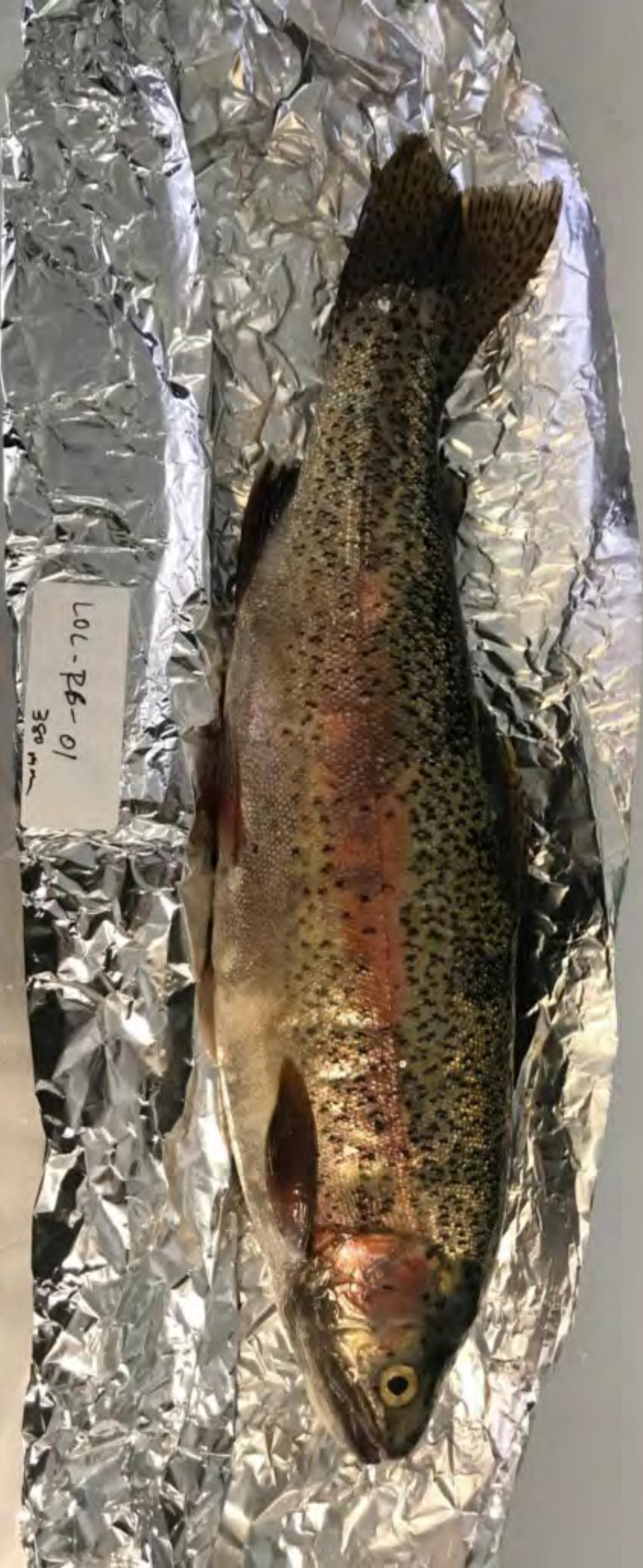


HYPER TOUGH

HYPER TOUGH

FRN-AP-01





L0L-P6-01
380 mm



The total length of specimens, and a date
to collection, should be recorded.
LIVE! MEASURING LENGTHS AND WEIGHTS
1000 milligrams (1 gram) = 1000 mg
100 millimeters (1 meter) = 1000 mm
100 centimeters (100 cm) = 1 meter (1000 mm)
1000 milligrams (1000 mg) = 1 gram (1000 mg)
1000 millimeters (1000 mm) = 1 meter (1000 mm)
1000 milligrams (1000 mg) = 1 gram (1000 mg)
1000 millimeters (1000 mm) = 1 meter (1000 mm)
1000 milligrams (1000 mg) = 1 gram (1000 mg)
1000 millimeters (1000 mm) = 1 meter (1000 mm)



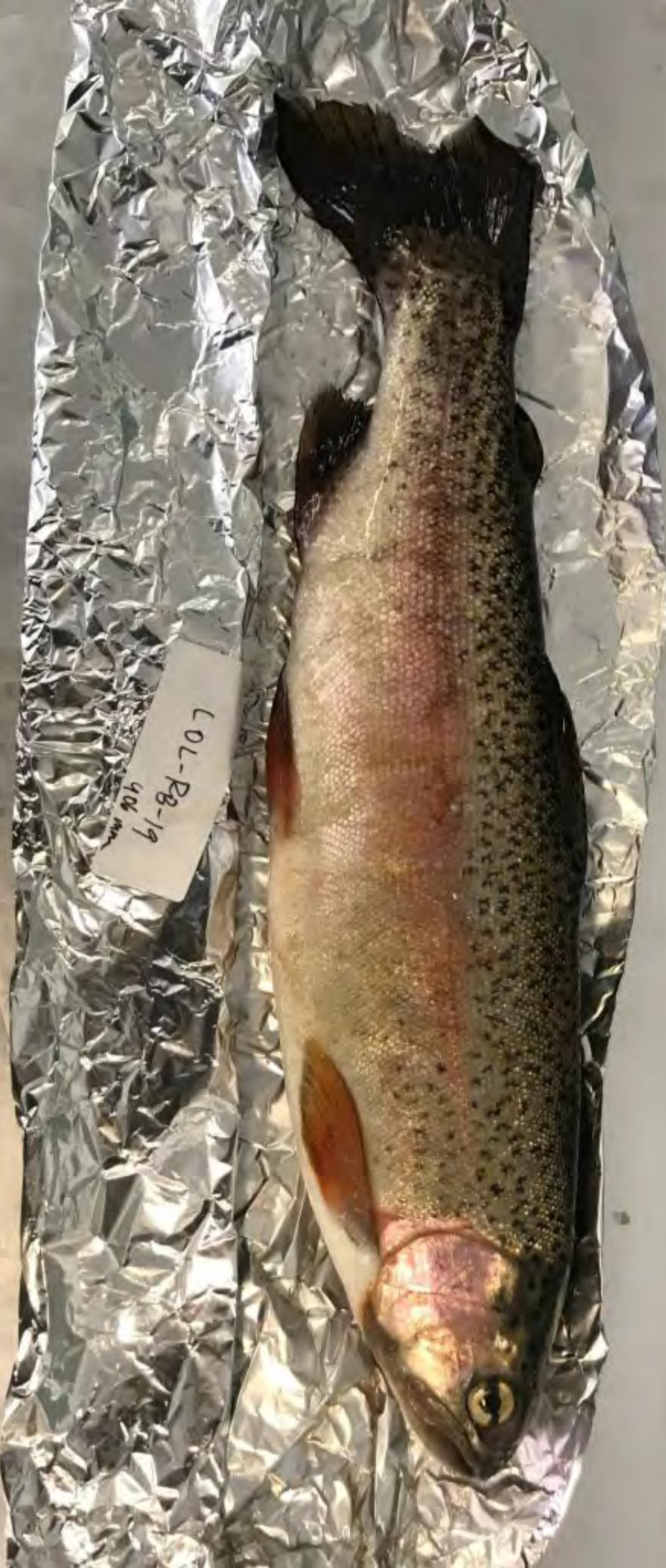
LOL-P8-20
130mm





LOL-P8-03
424 mm





L0L-P8-19
406 mm





JUMBO

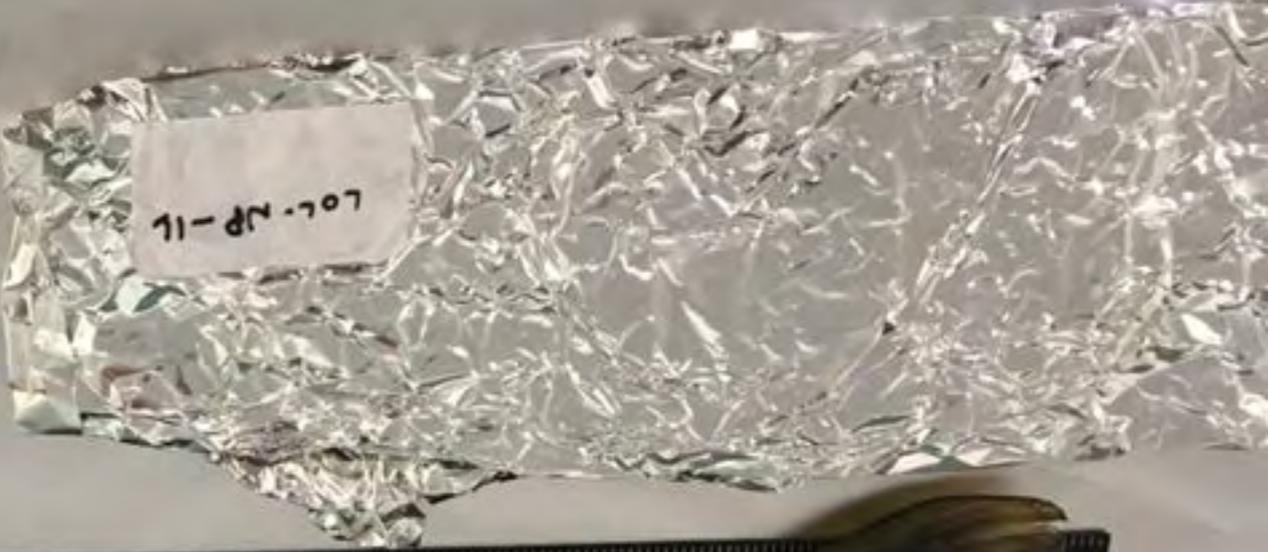
STORAGE SLIDER

10
COUNT

2.5 GALLON

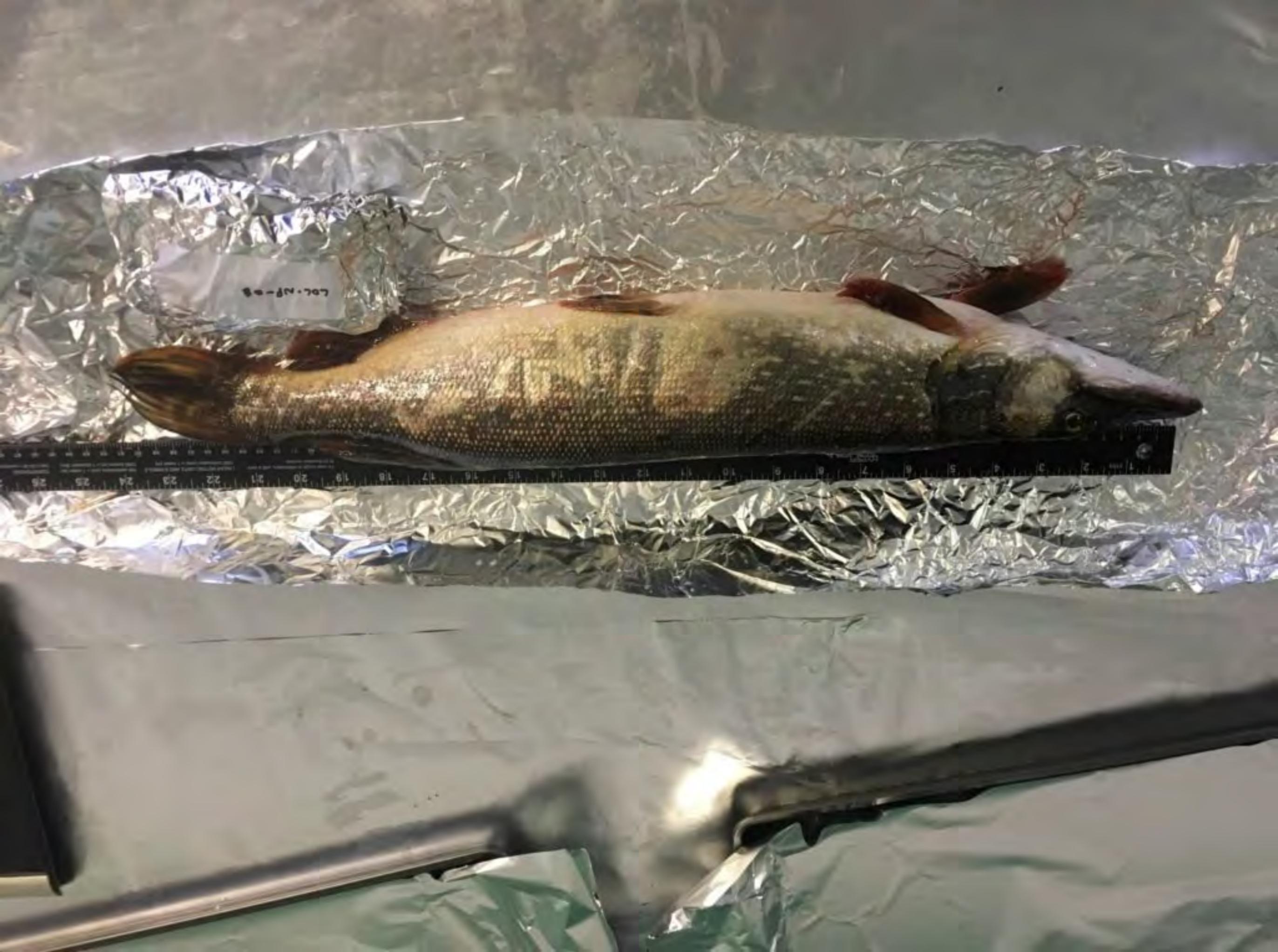
Heavy Duty
Multipurpose Film
120

L01-2P-02

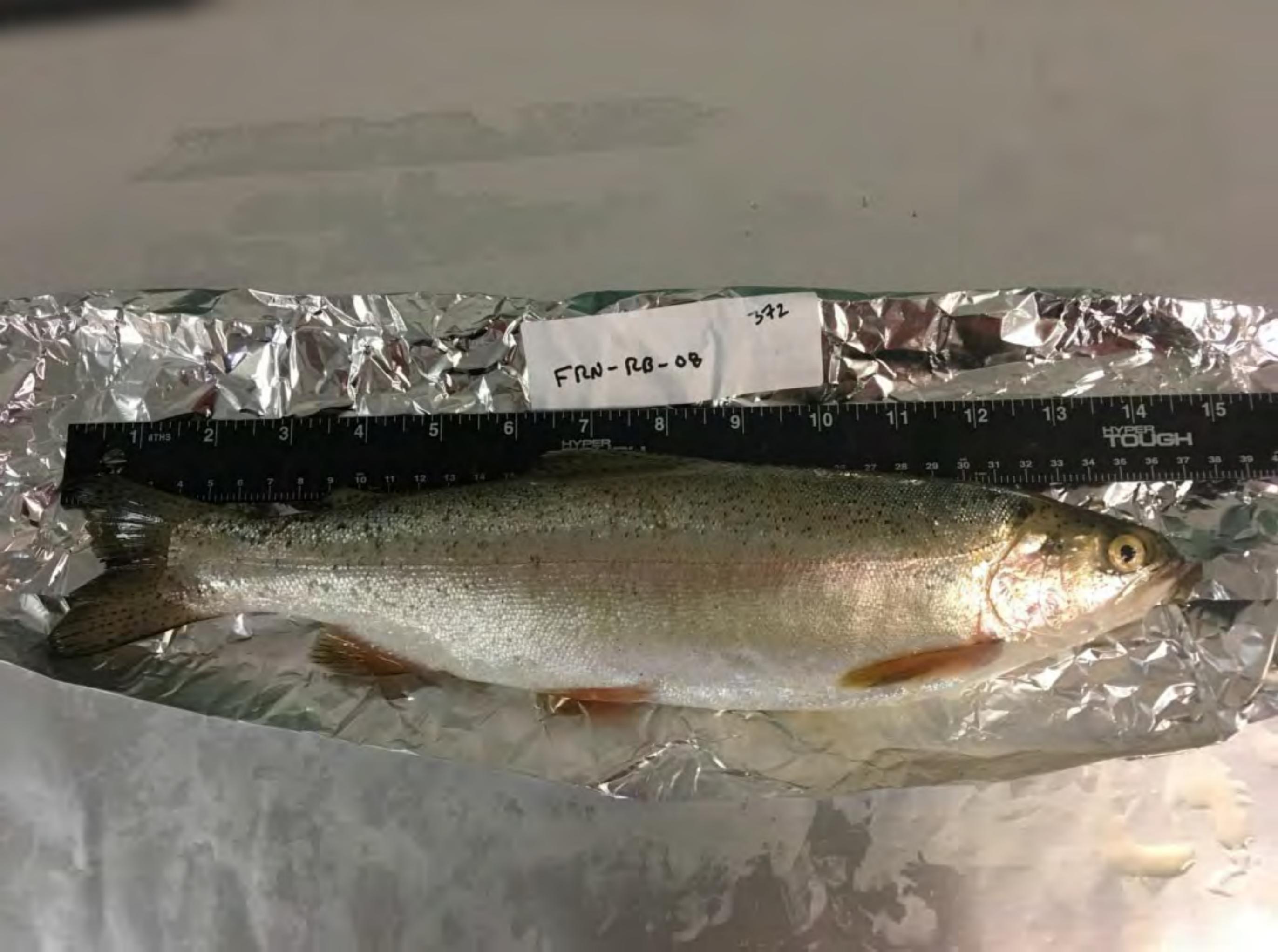




606-MF-19



Loc. NP-98

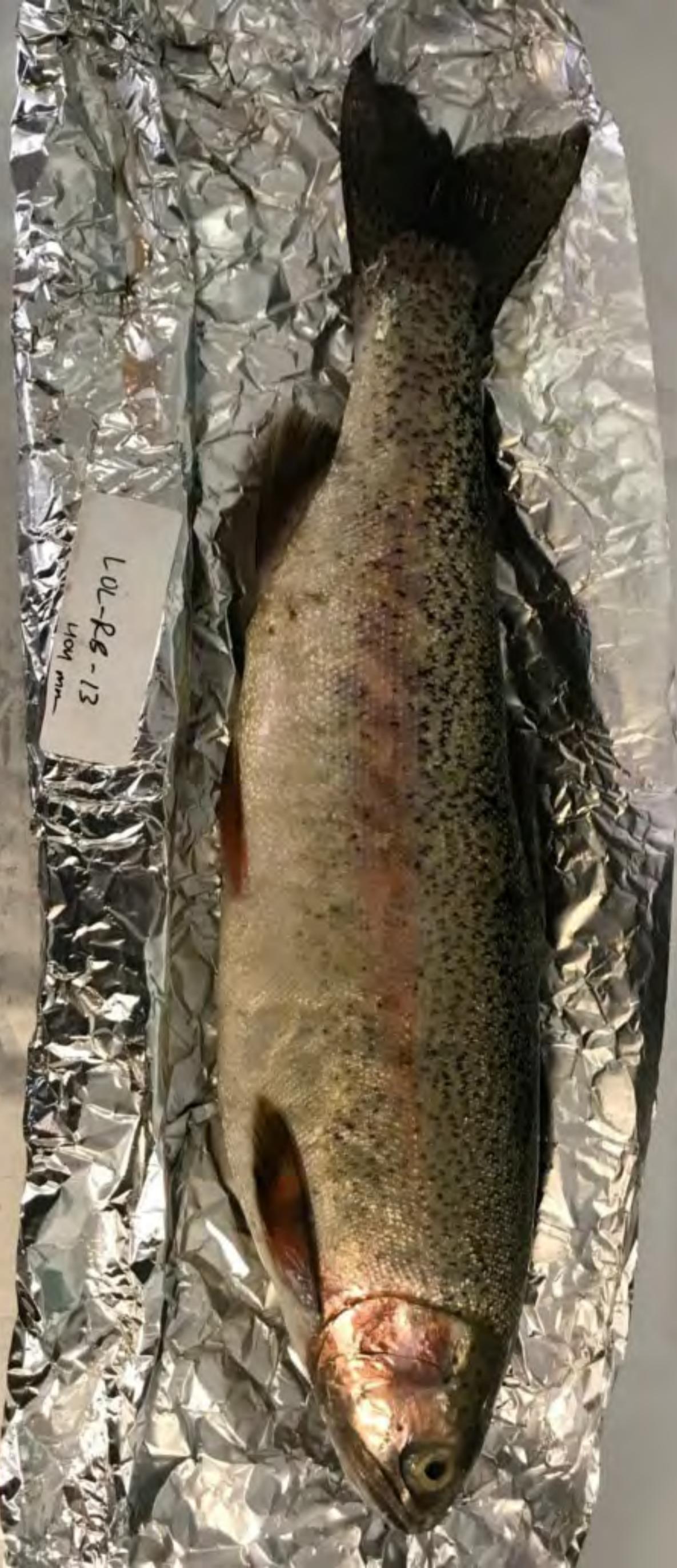


FRN-RB-08

372

HYPER

TOUGH



LOL-R8-13
1404 mm



LOL-PB-14
389 mm





LOL - PB-10
366 mm





LOL-PB-06
354 mm



LOL-RB-09
322 mm



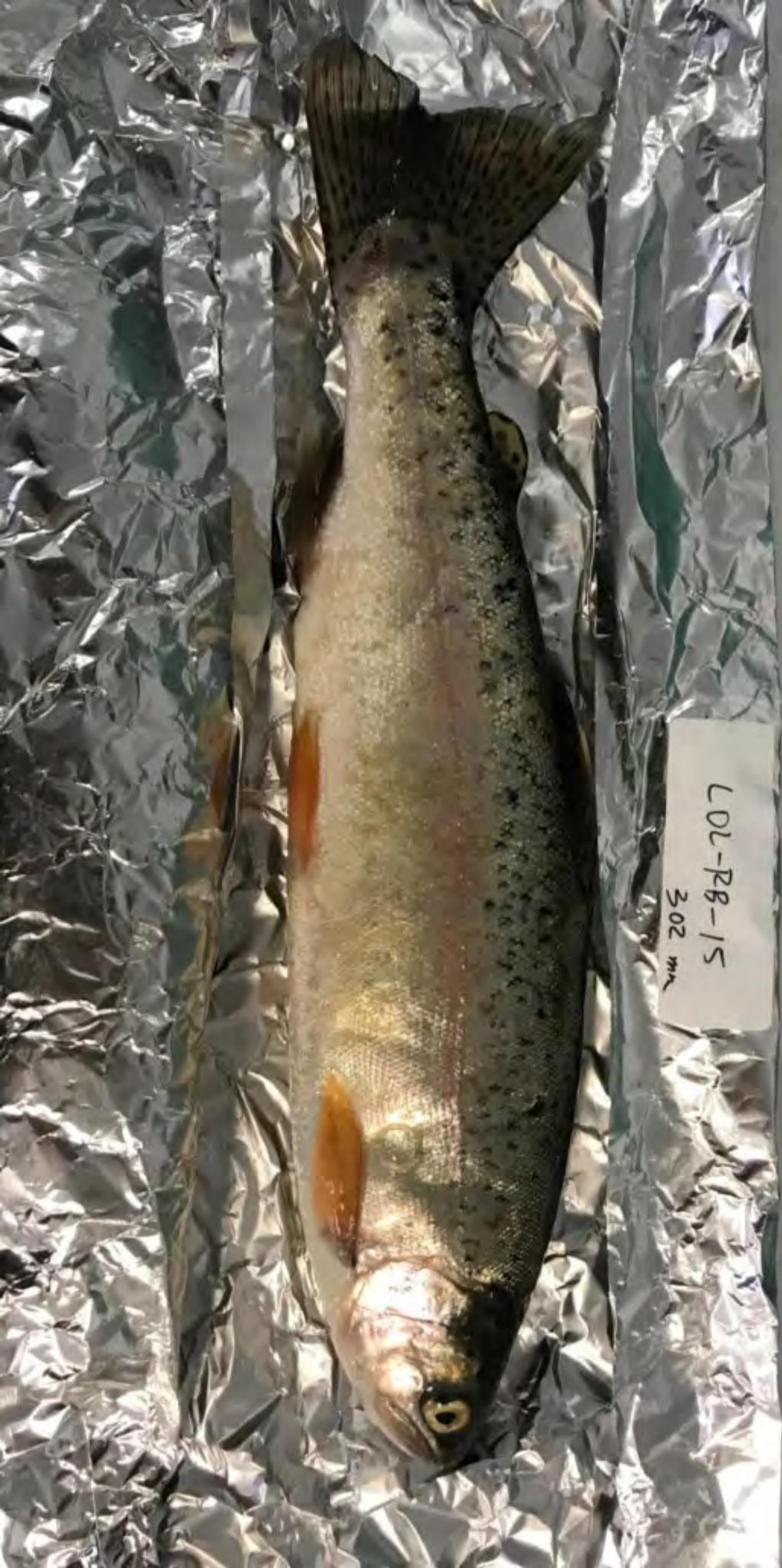
LOC-RB-12
310 mm



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LOL-PB-17
304 mm





L0L-RB-15
302 mm



To read length in centimeters, add a zero to centimeter number.

L0L-PB-05
302 mm



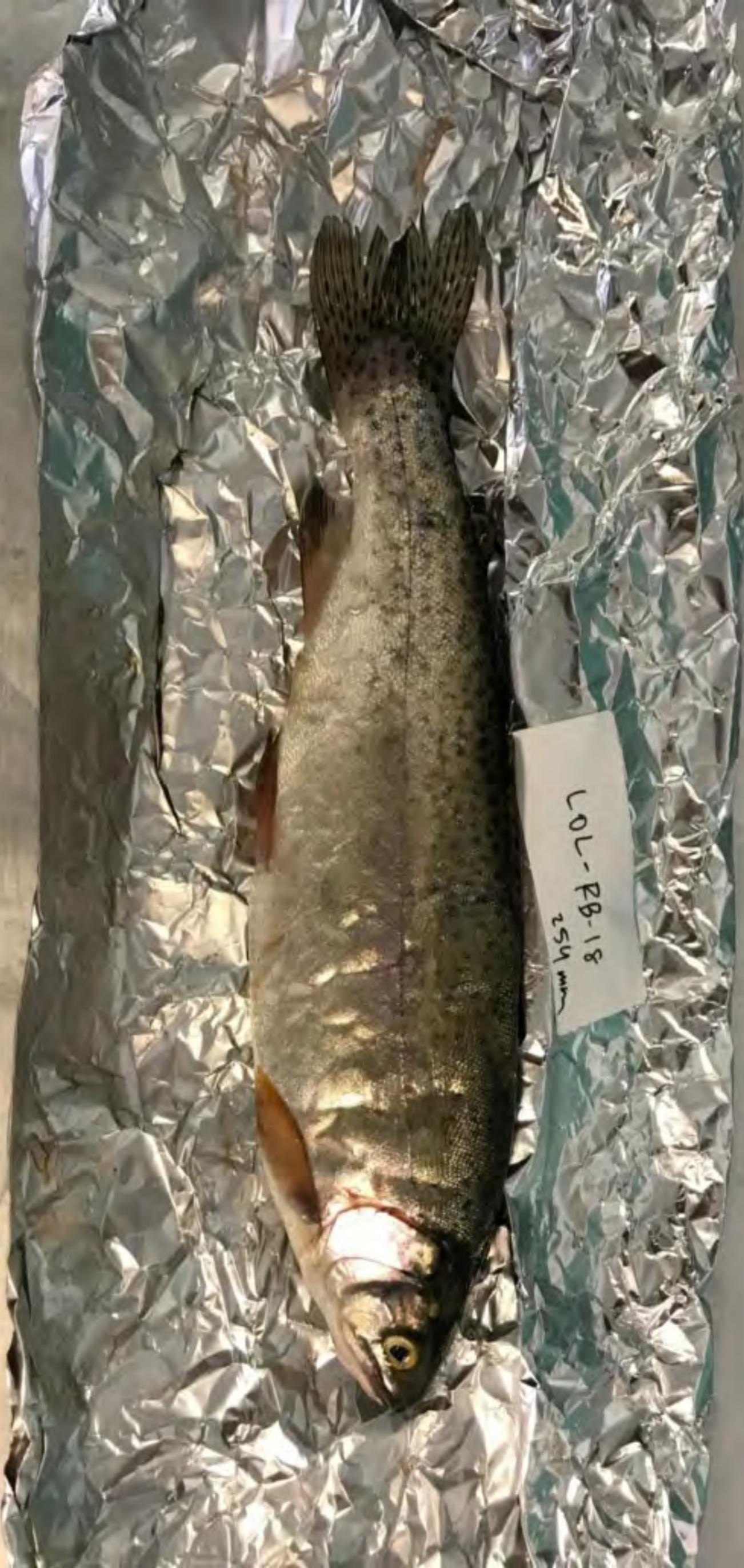


LOL-2B-08
288 mm



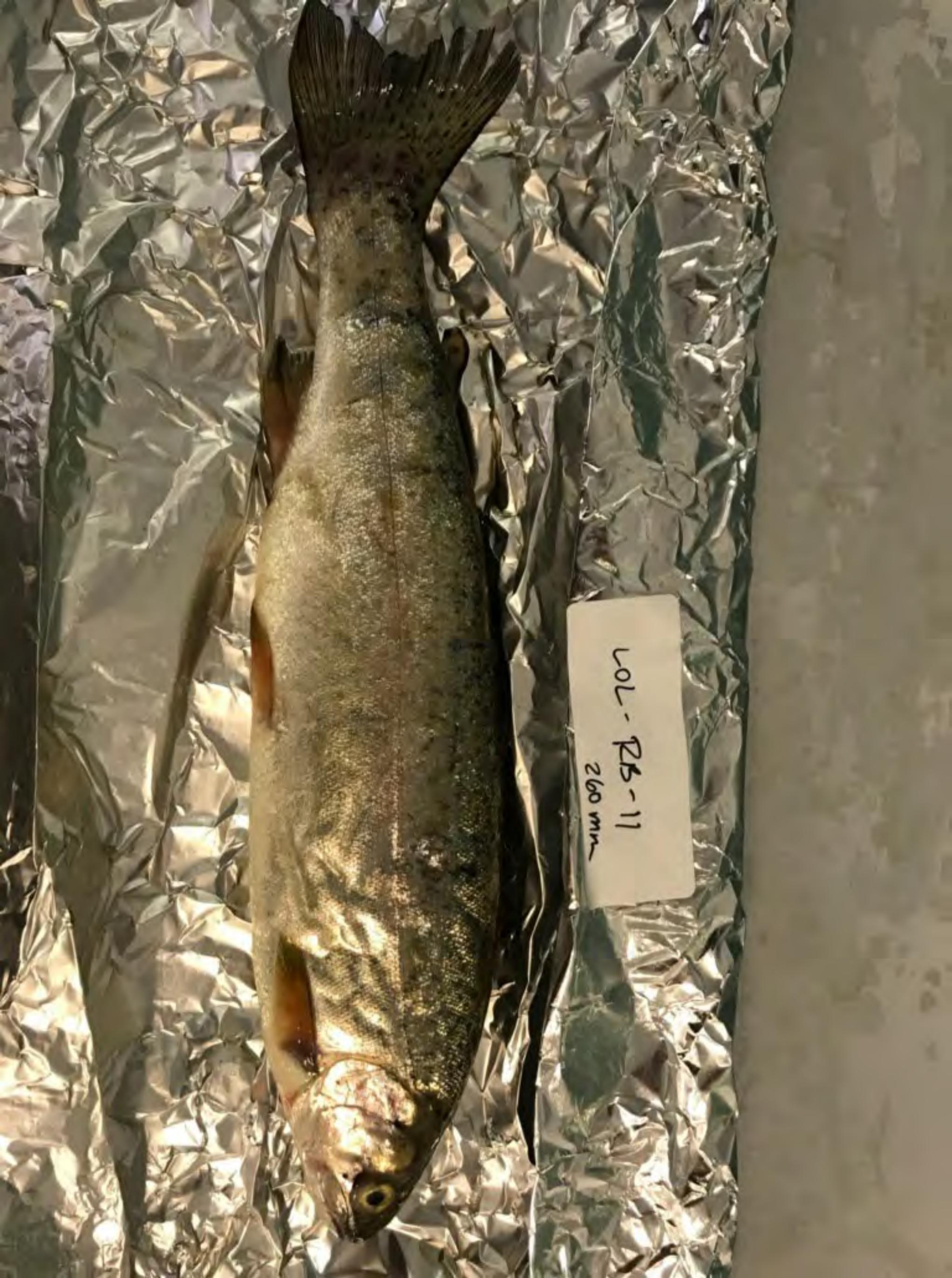


LOL-PB-07
274 mm



COL-PB-18
254 mm



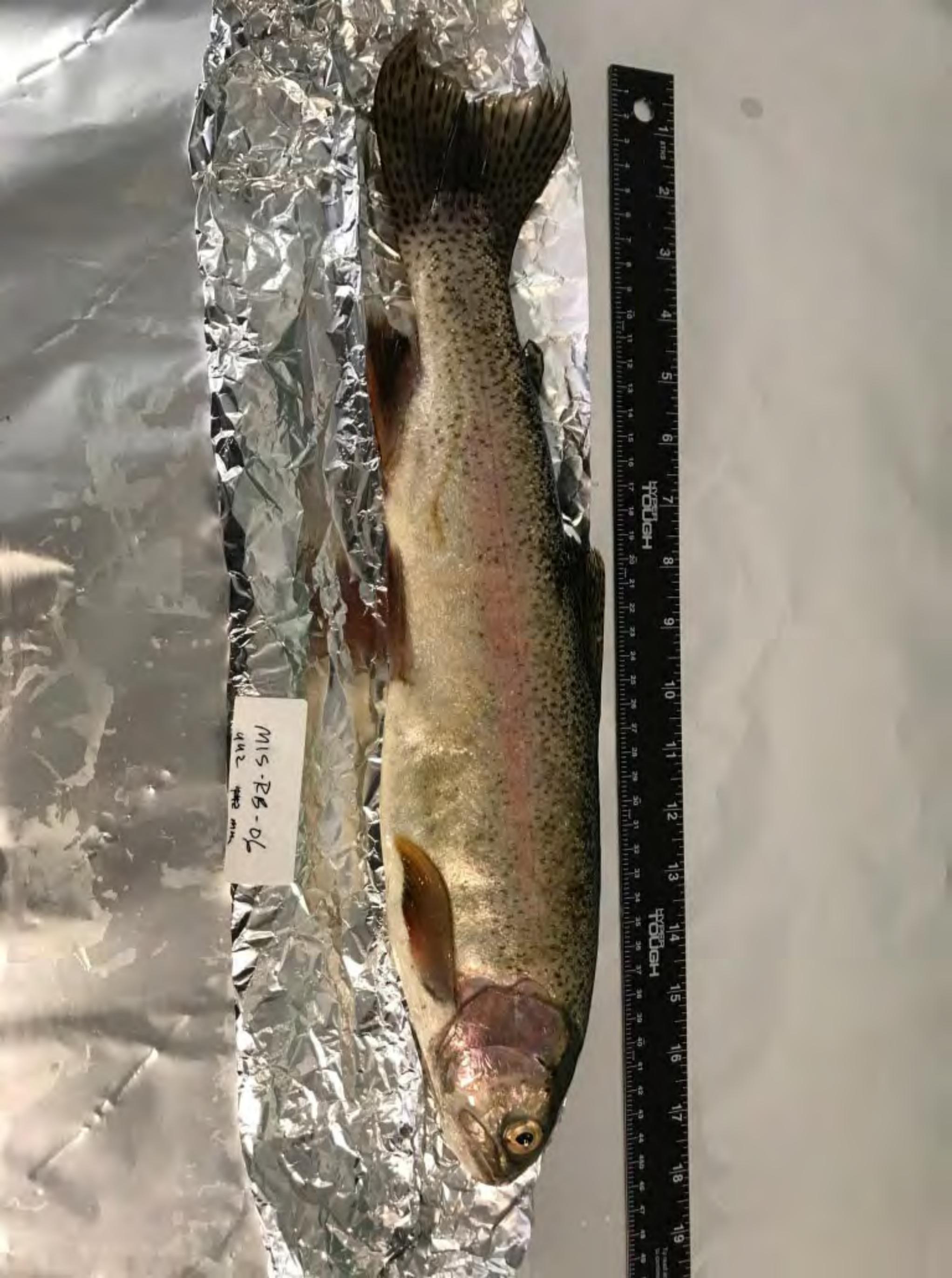


LOL - RB-11
260 mm



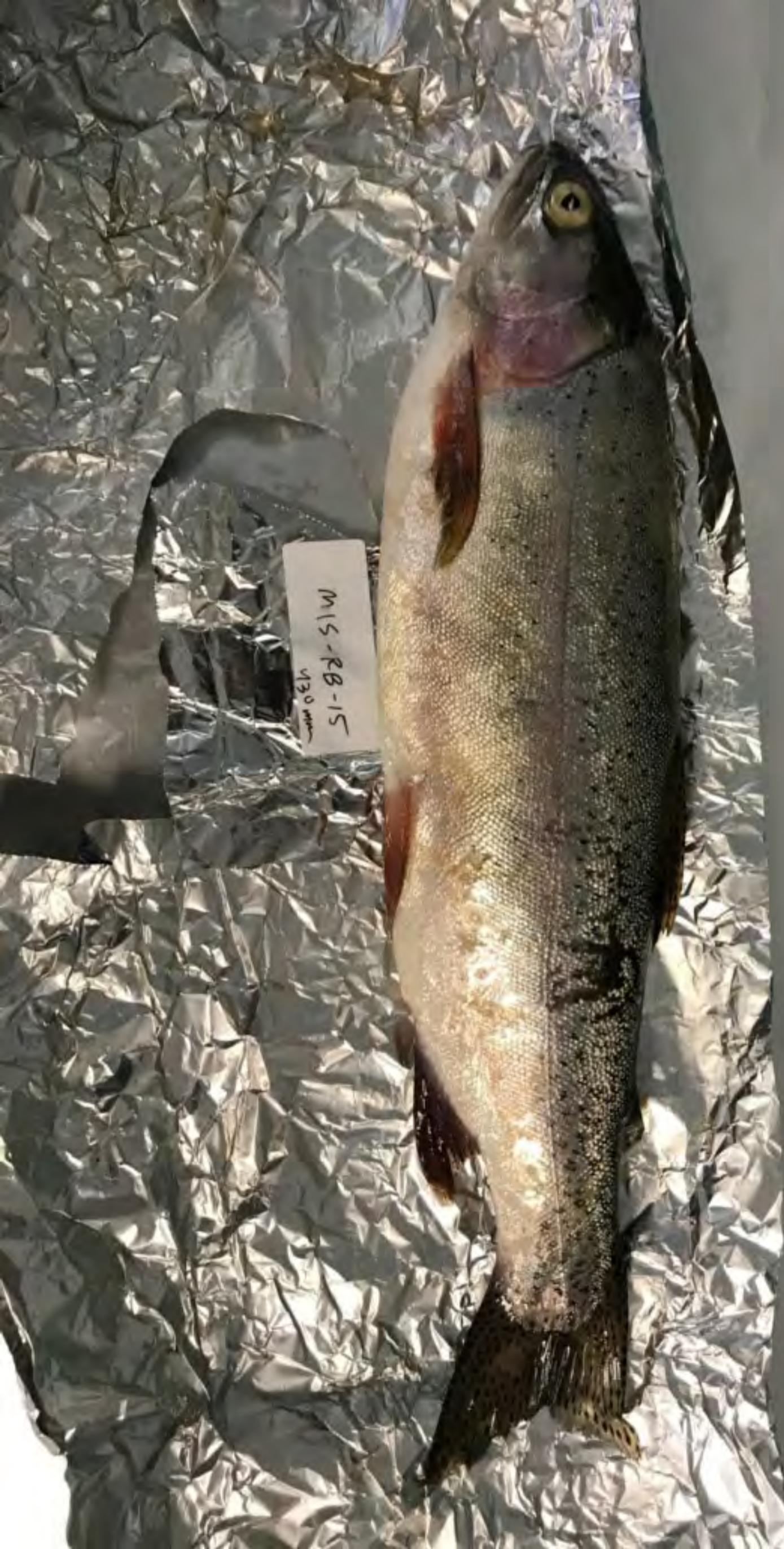
MIS PB-12
452



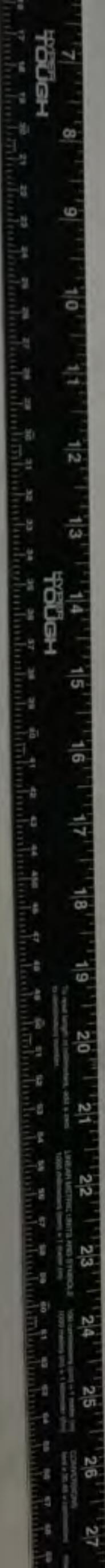


MIS-RB-DL
442

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
POUGH
POUGH



M15-RB-15
130 mm





MS-PB-14
394 mm

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

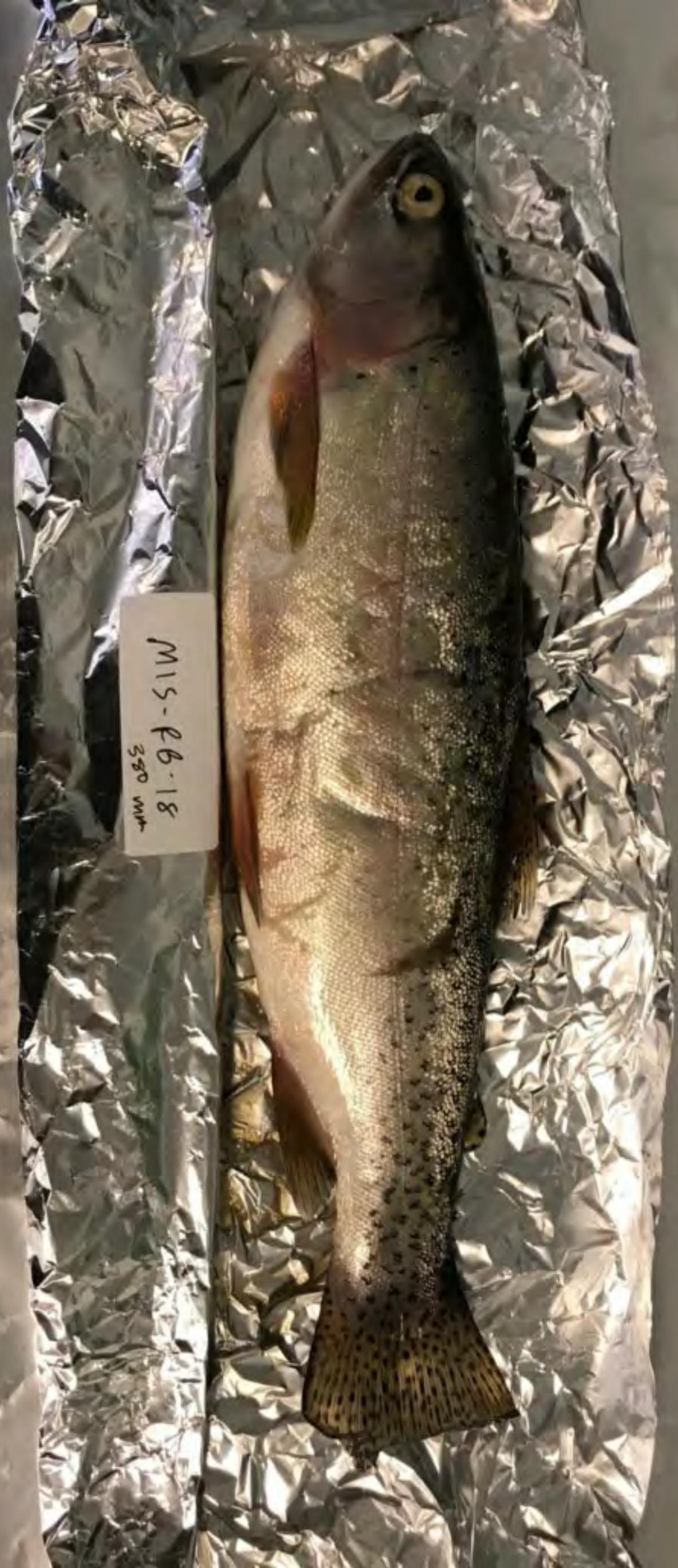
HYPER TROUGH

HYPER TROUGH

To read length in centimeters, add a zero.

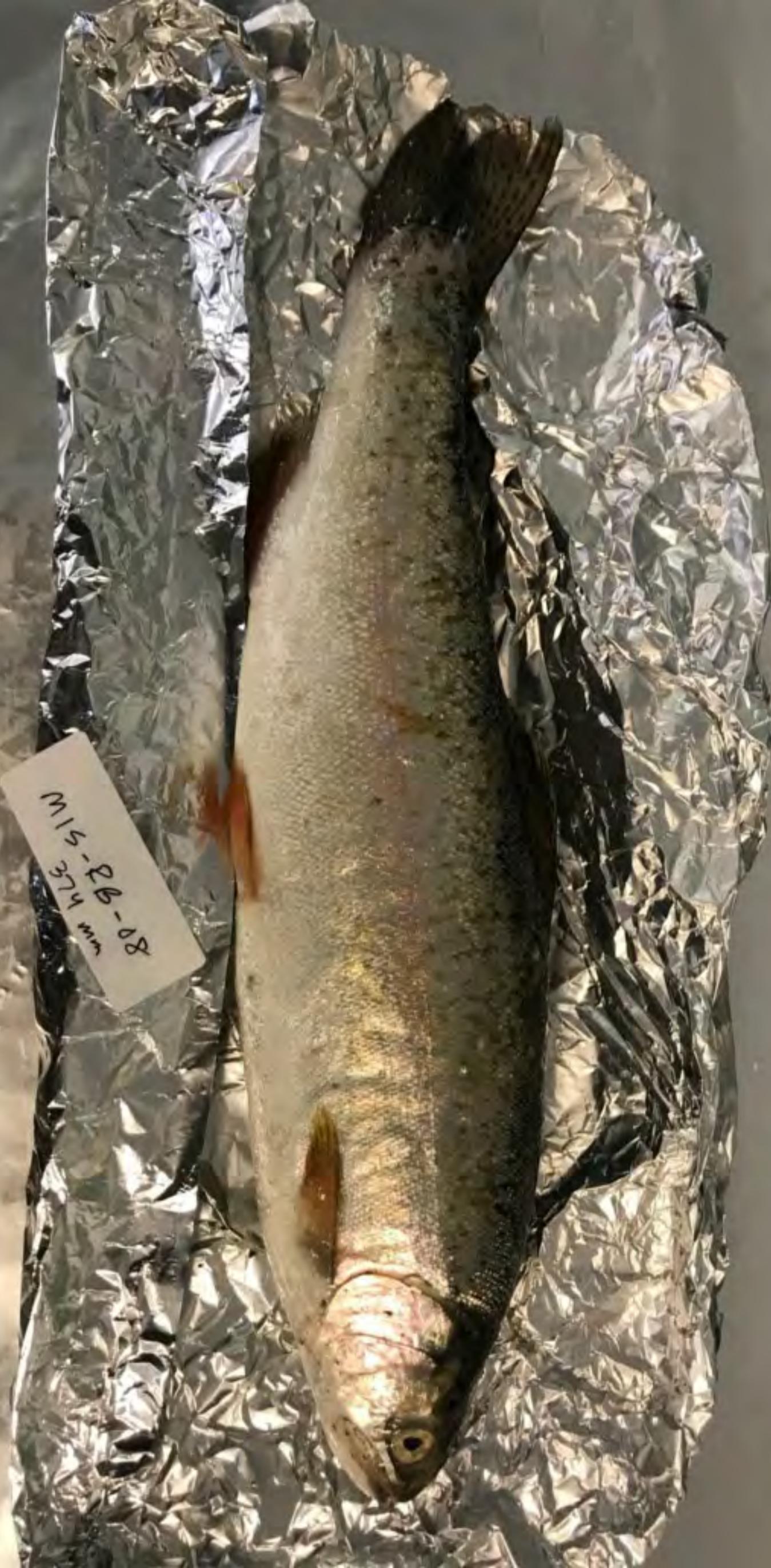
1000 mm

M15-PB-18
380 mm





MS-EB-17
378 mm

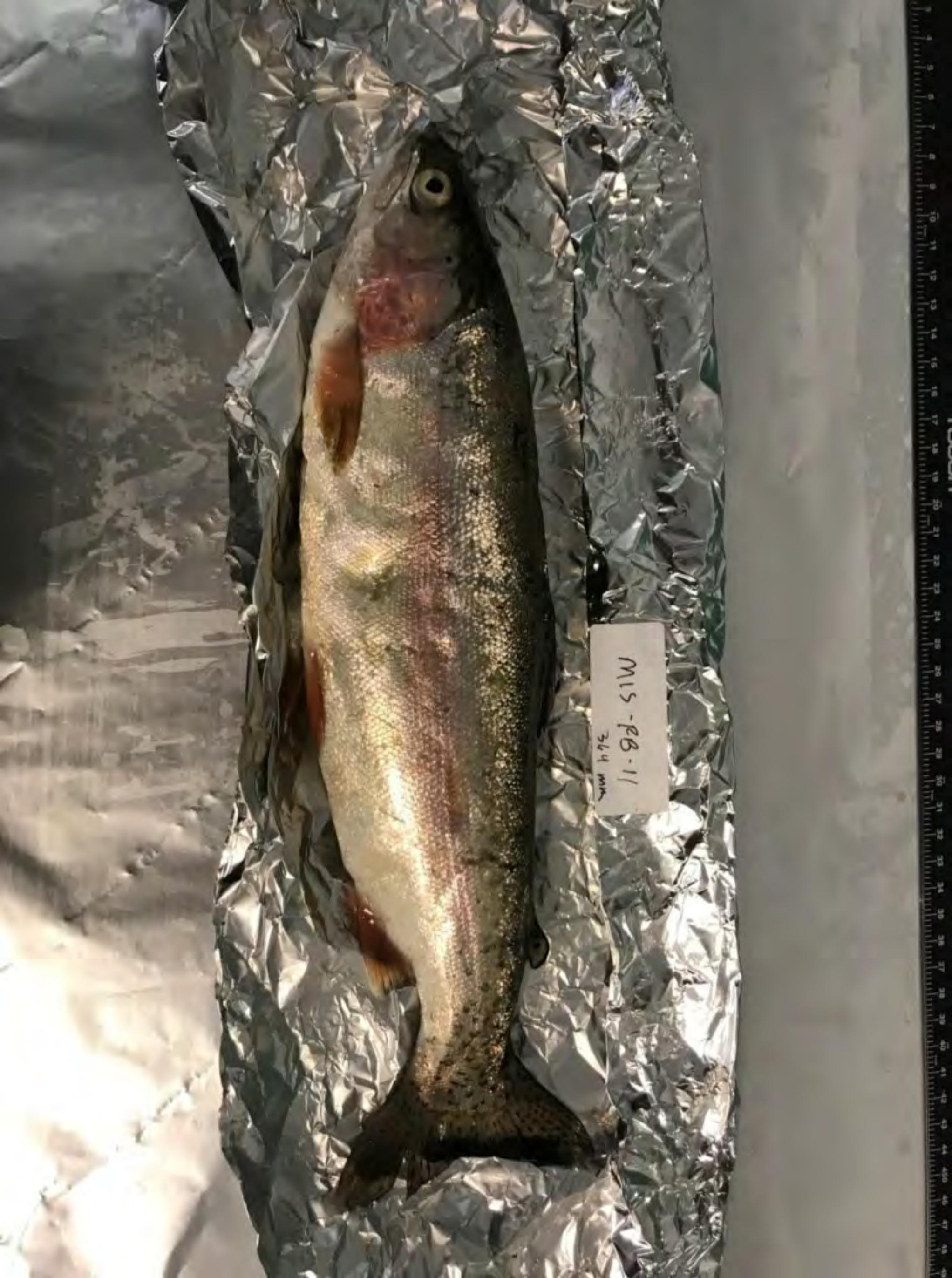


M15-RB-08
374 mm



M15-RB-05
372 mm





M15-PB-11
364 mm



MIS-RB-01
362 ~~320~~ mm

ROUGH
ROUGH
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54

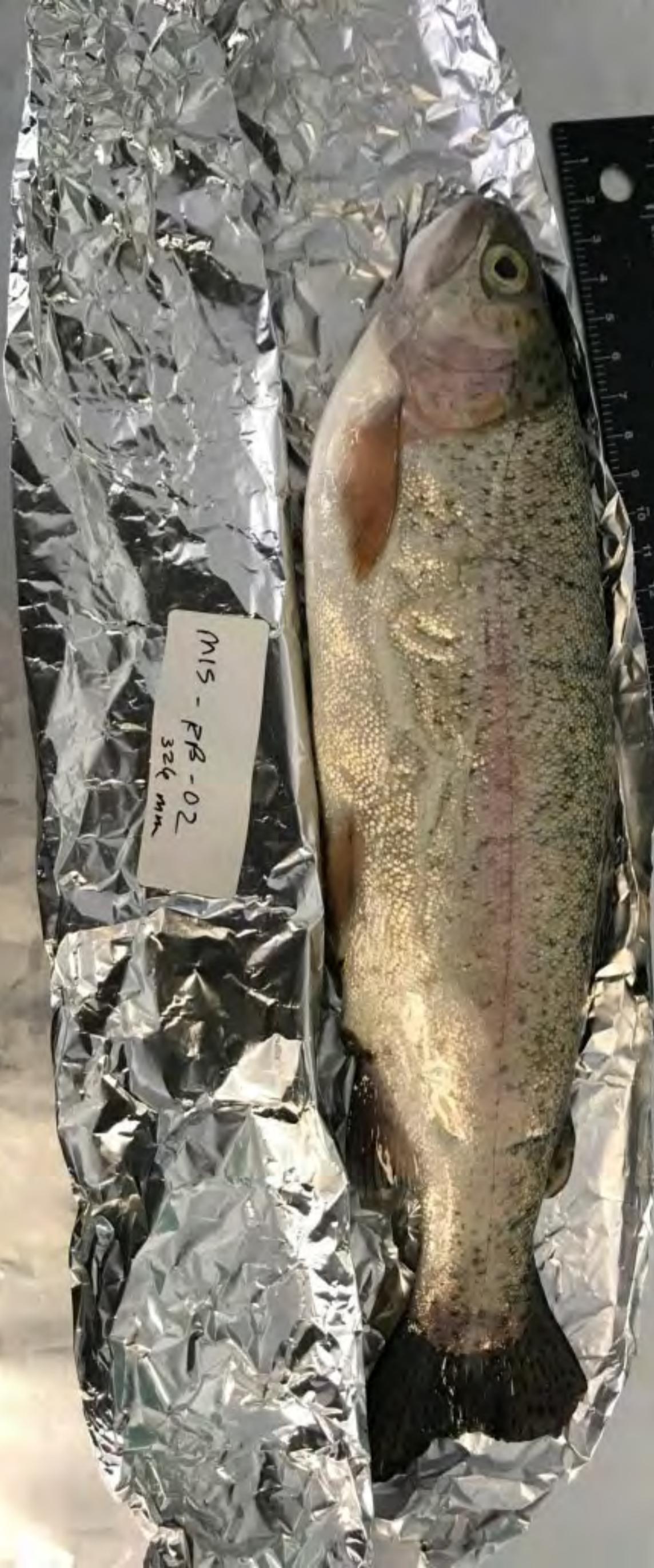
M15-PB-19
340 mm

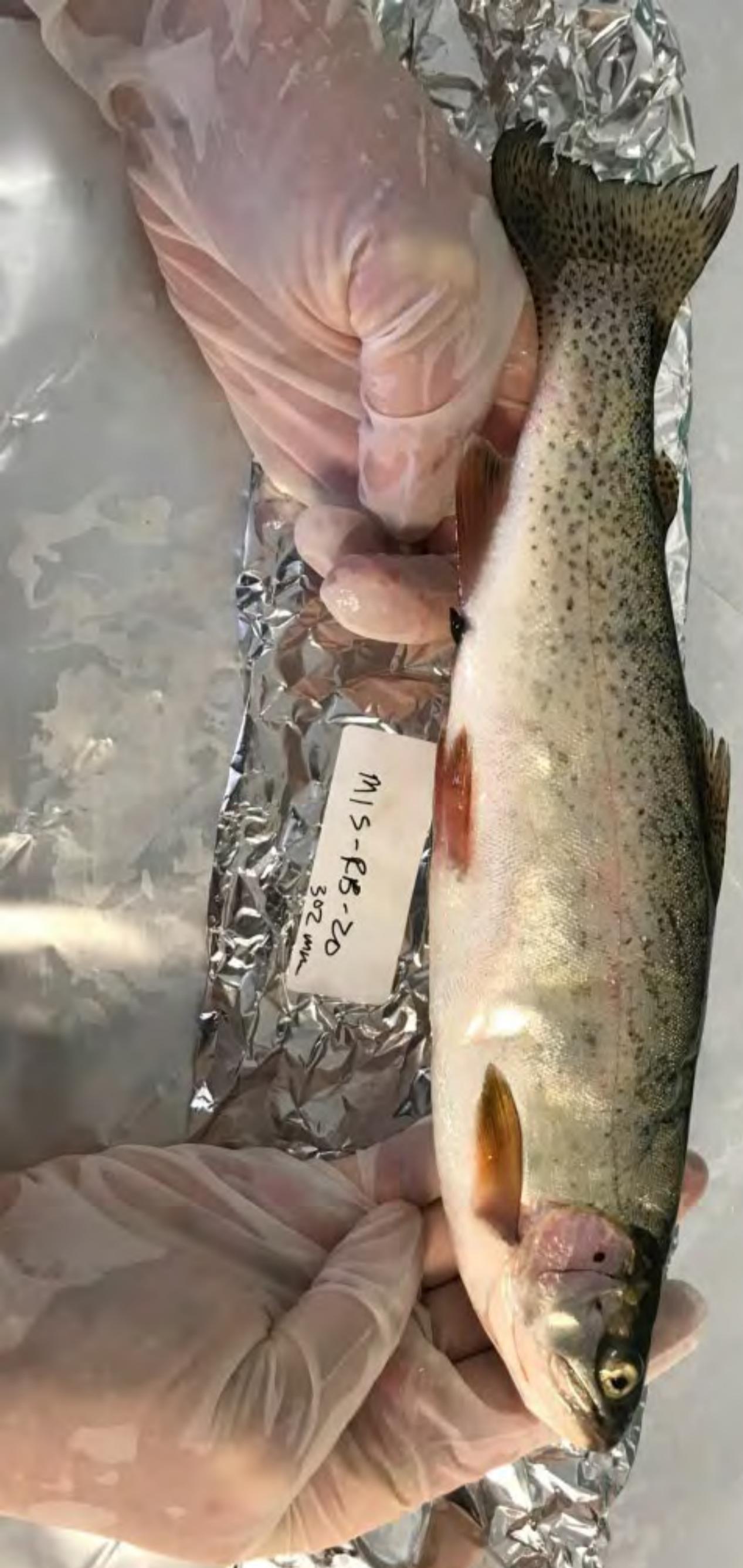


60
Miss-Rp-09
320 mm



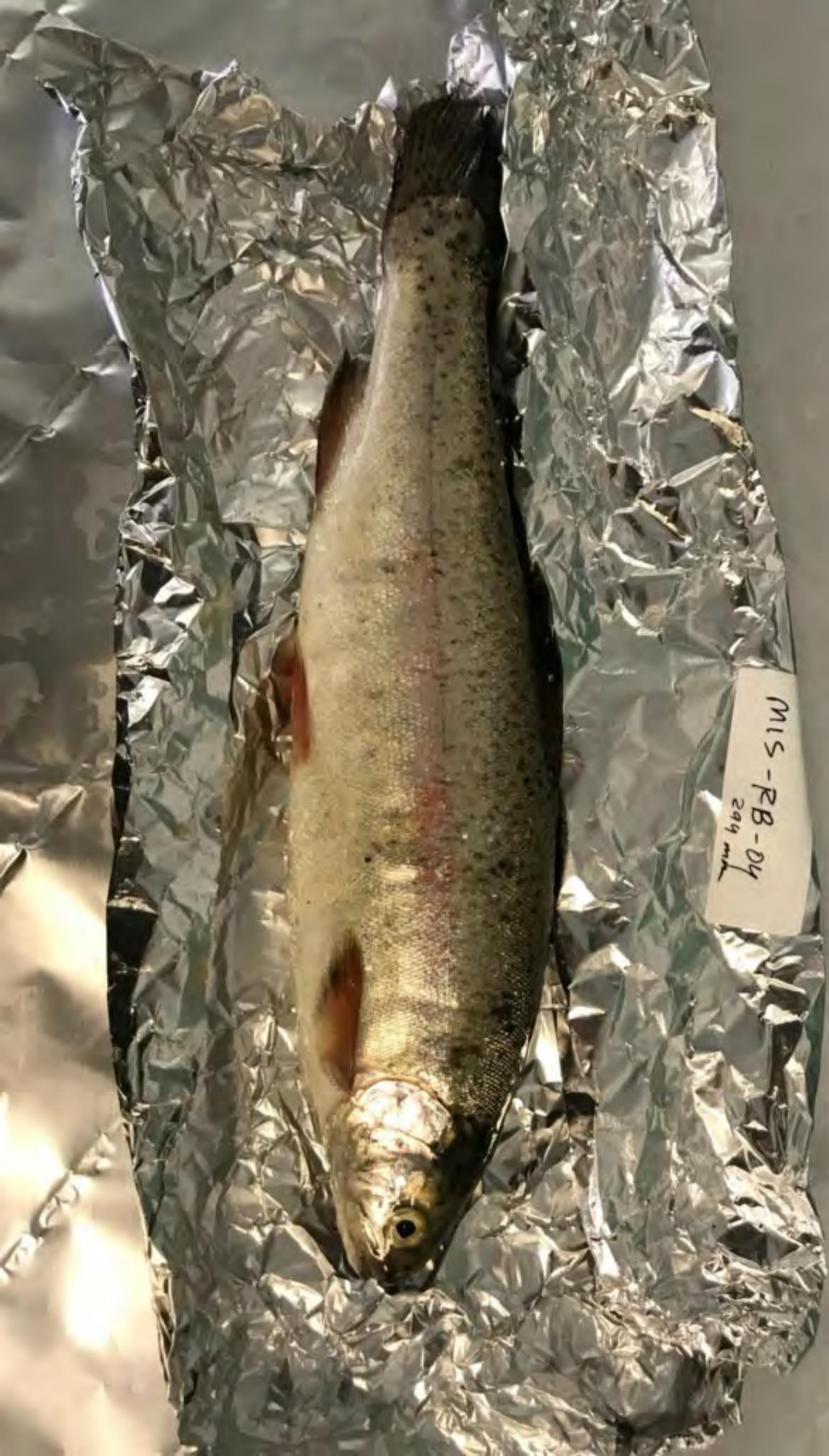
MIS - PB-02
324 mm





M15-RB-20
302 mm





MIS-RB-DY
299 mm





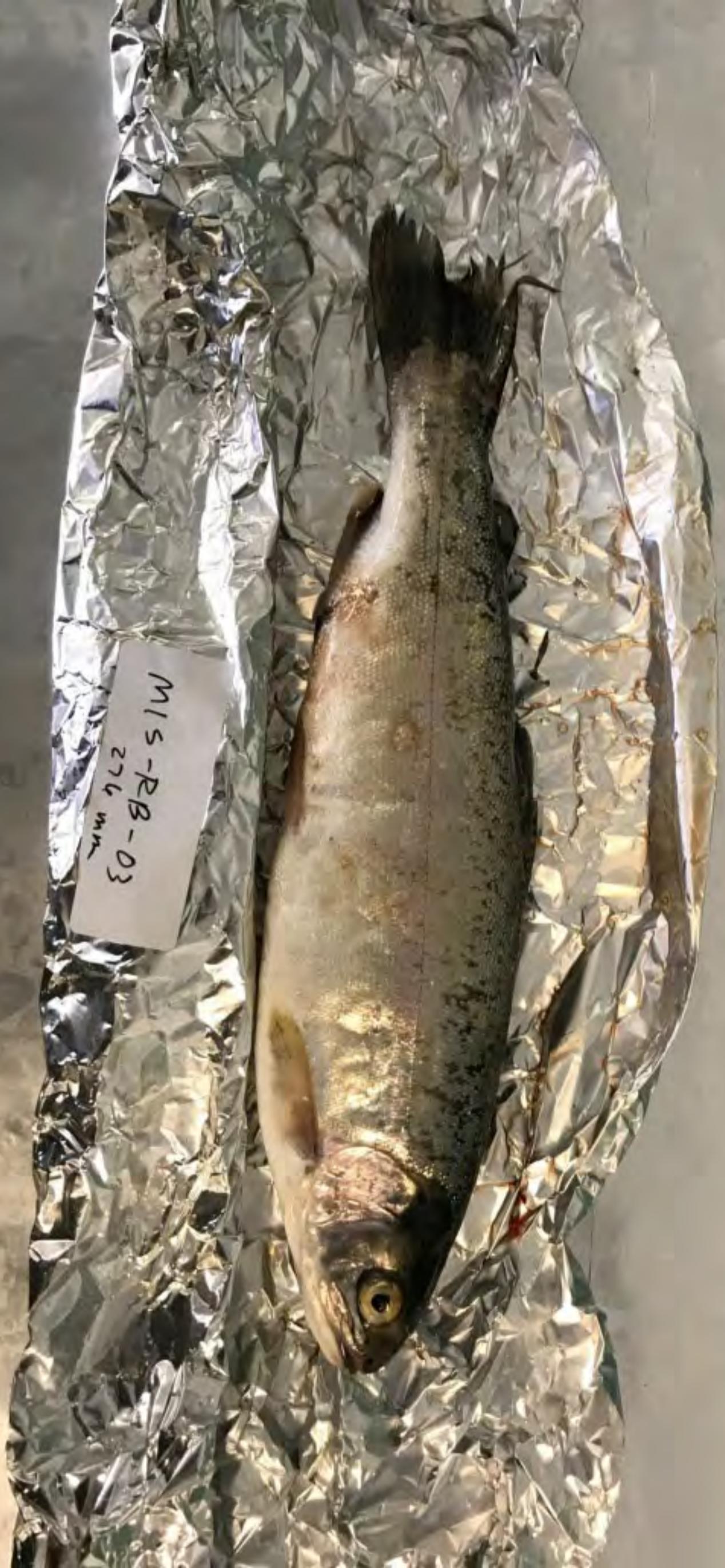
MIS - PB - D7
292 mm



MIS-FR-13
289 mm



MIS-RB-03
276 mm





MIS-RB-10
266 mm





STR-PB-19
428 mm

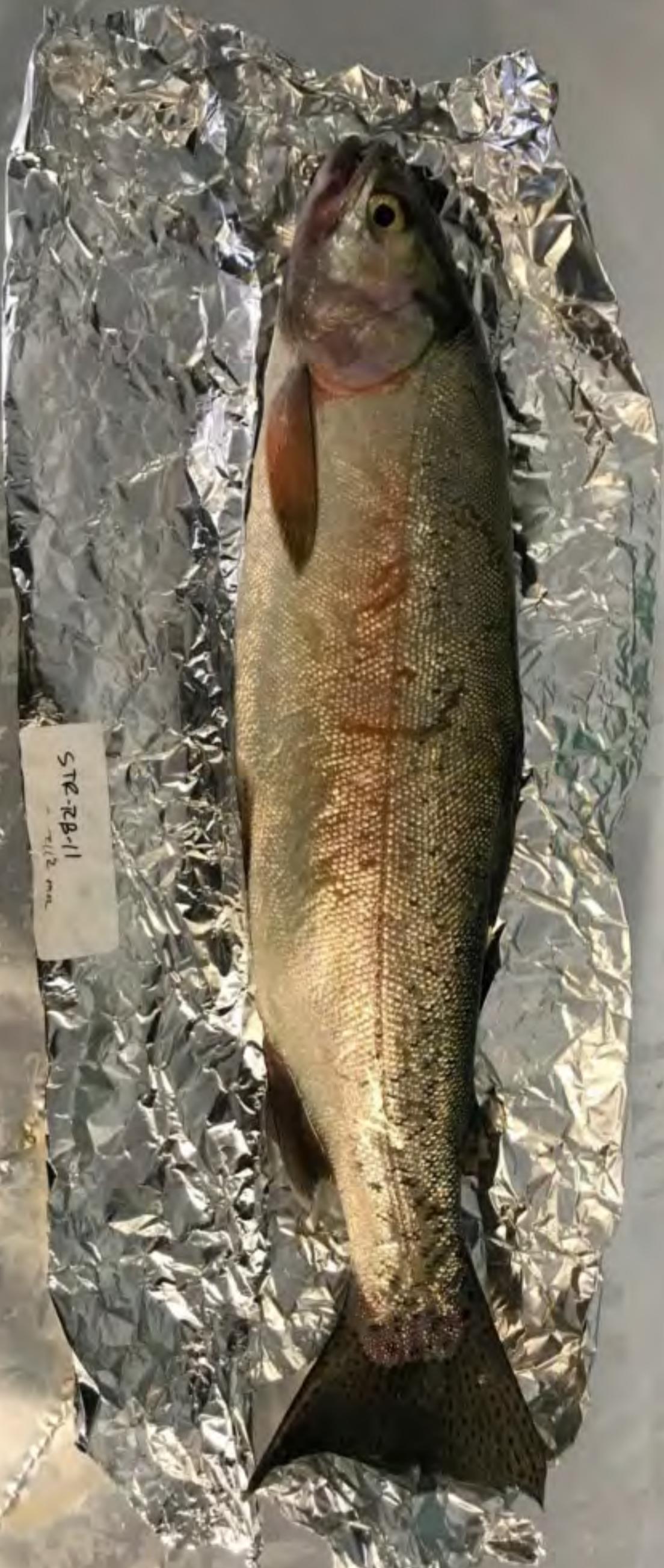


STF-PB-15
416 mm



STP-PB-18
416 mm



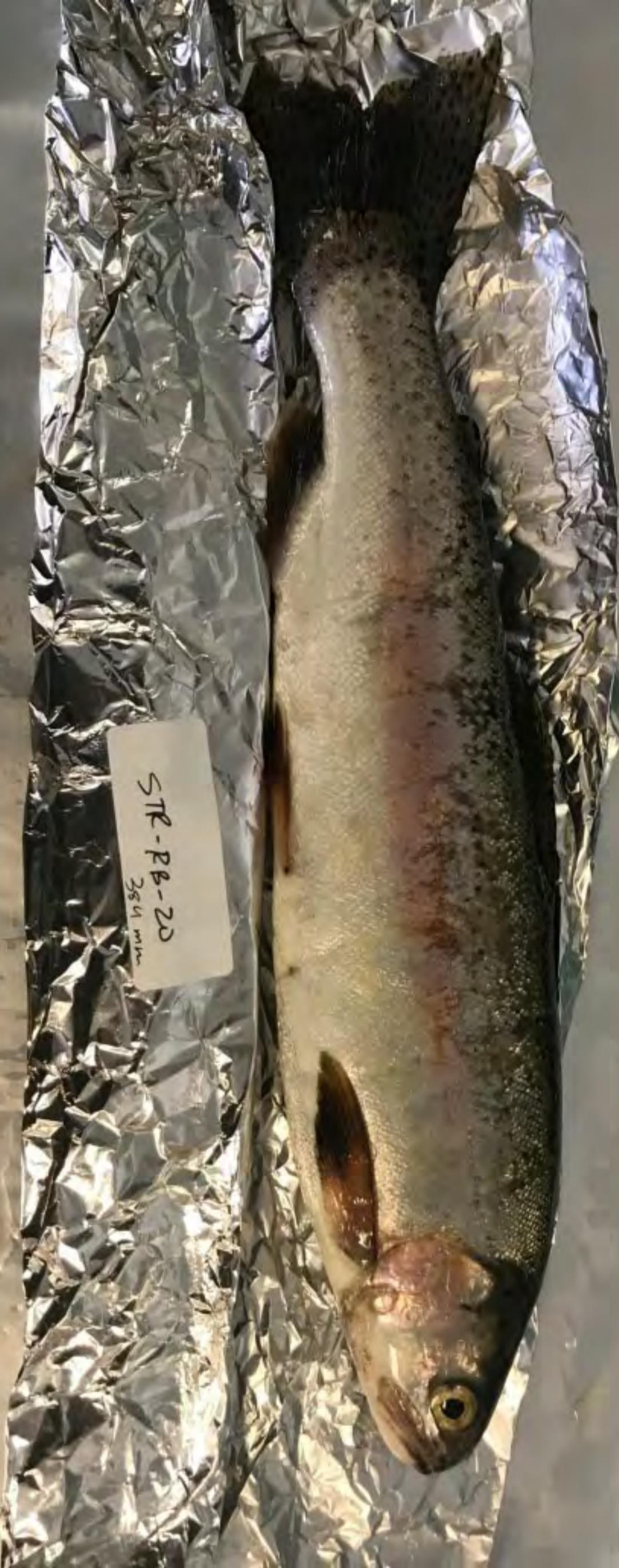


STR-7B-11
- 21/2 mm



STR-RB-12
844 mm





STR-PB-2D
384 mm





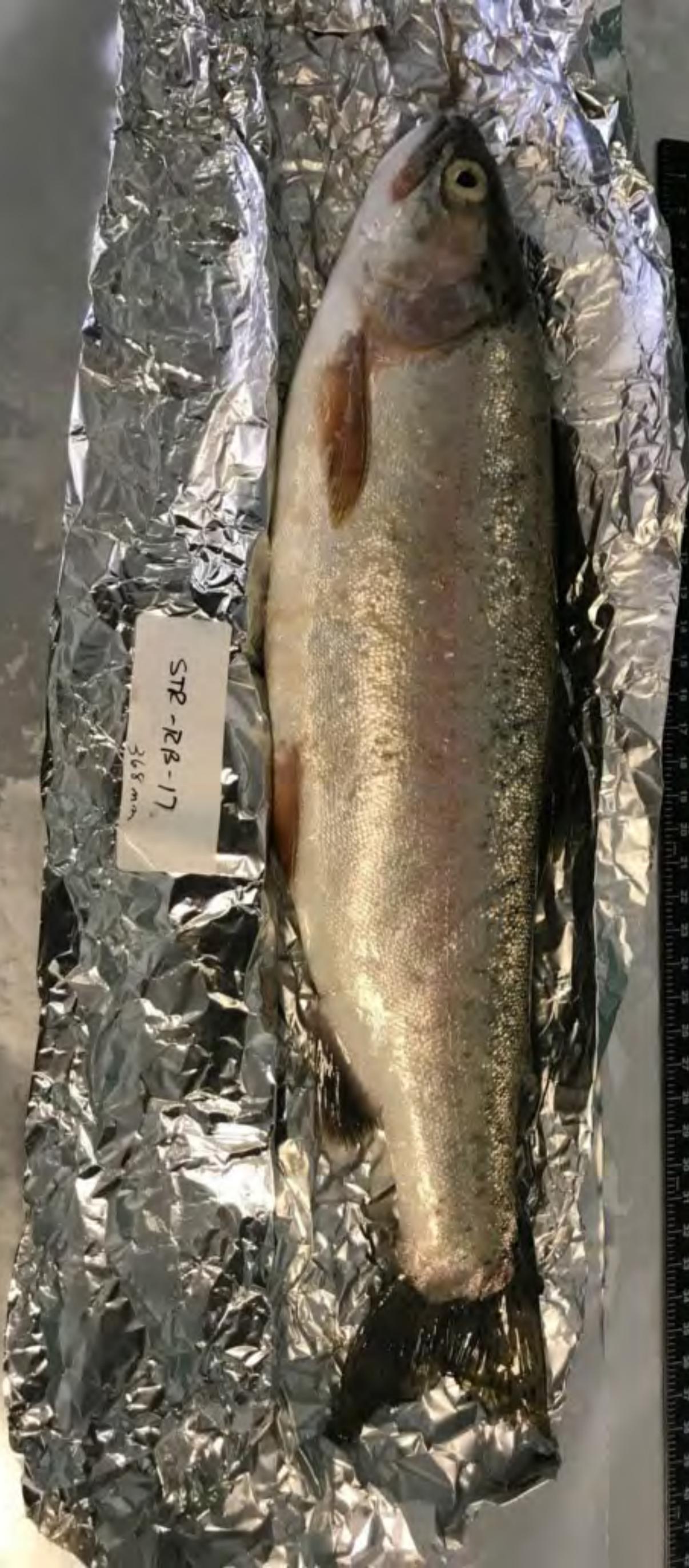
SRP-RB-10
378 mm



Handwritten text on a light-colored background, possibly a piece of paper or a label, is visible on the right side of the image. The text is mostly illegible due to blurring and low contrast, but some faint characters and lines can be seen.

STR-PB-09
370 mm





STR-RB-17
368 mm

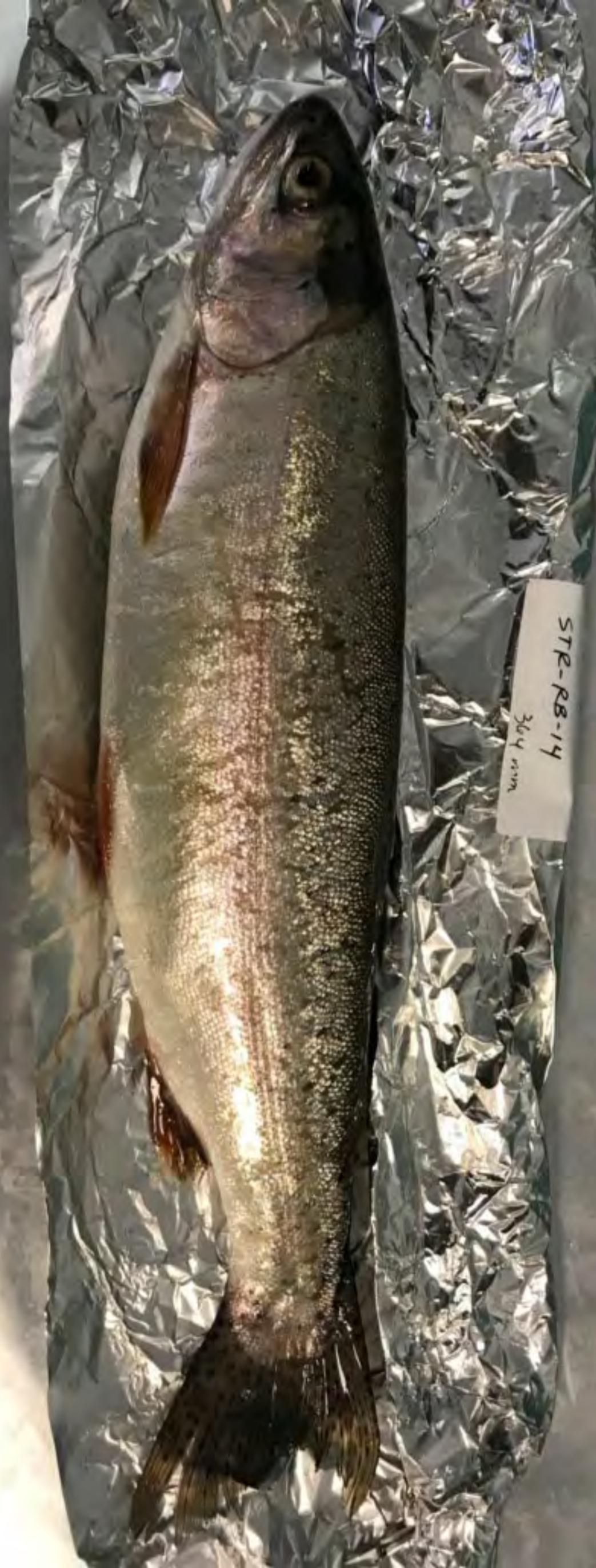


STR-P13-1L
346 mm



STR-PB-13
2004 mm





STR-RB-14
364 mm



STR-RB-08
360 mm



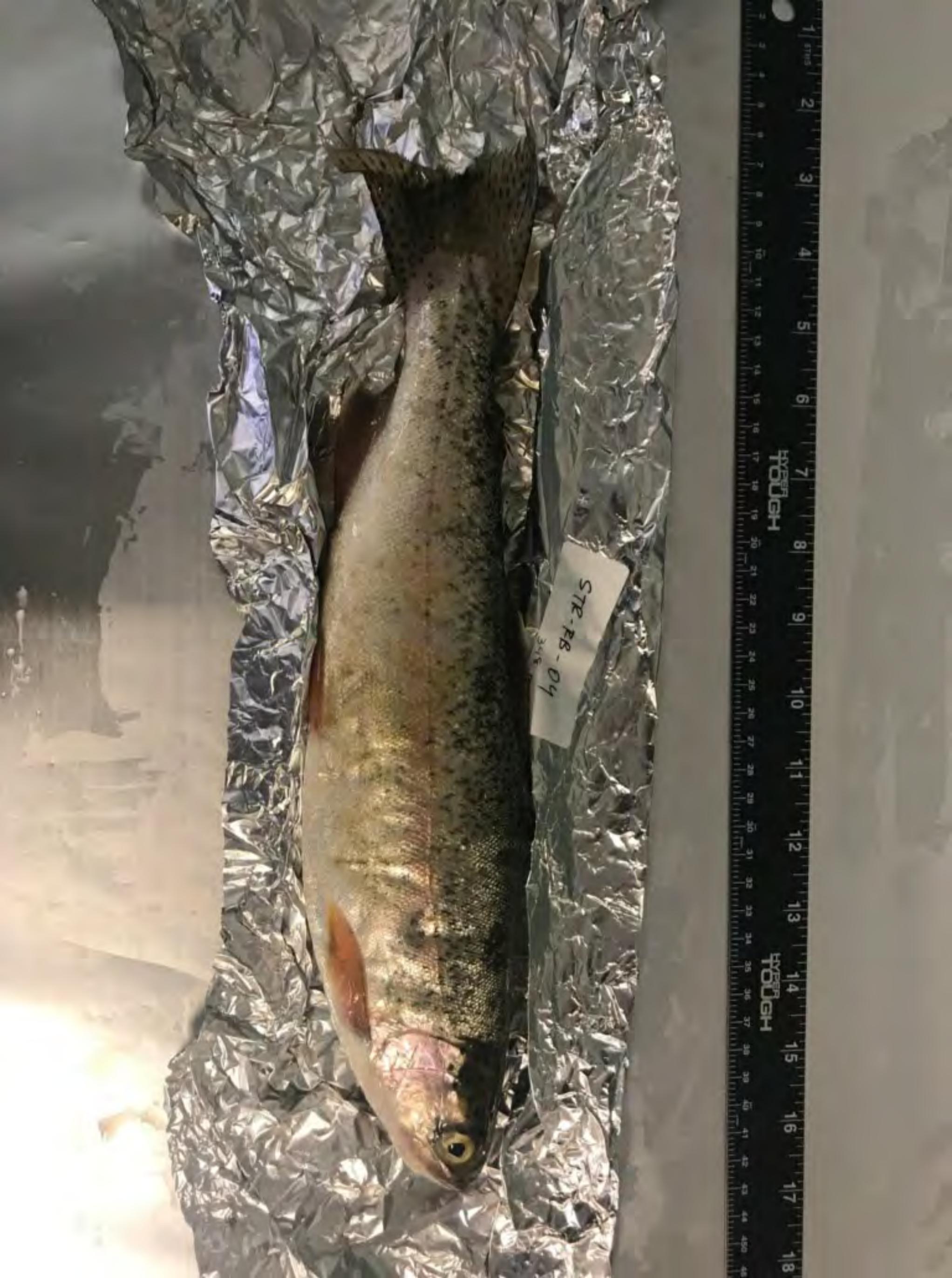
STR-RB-01
354 mm





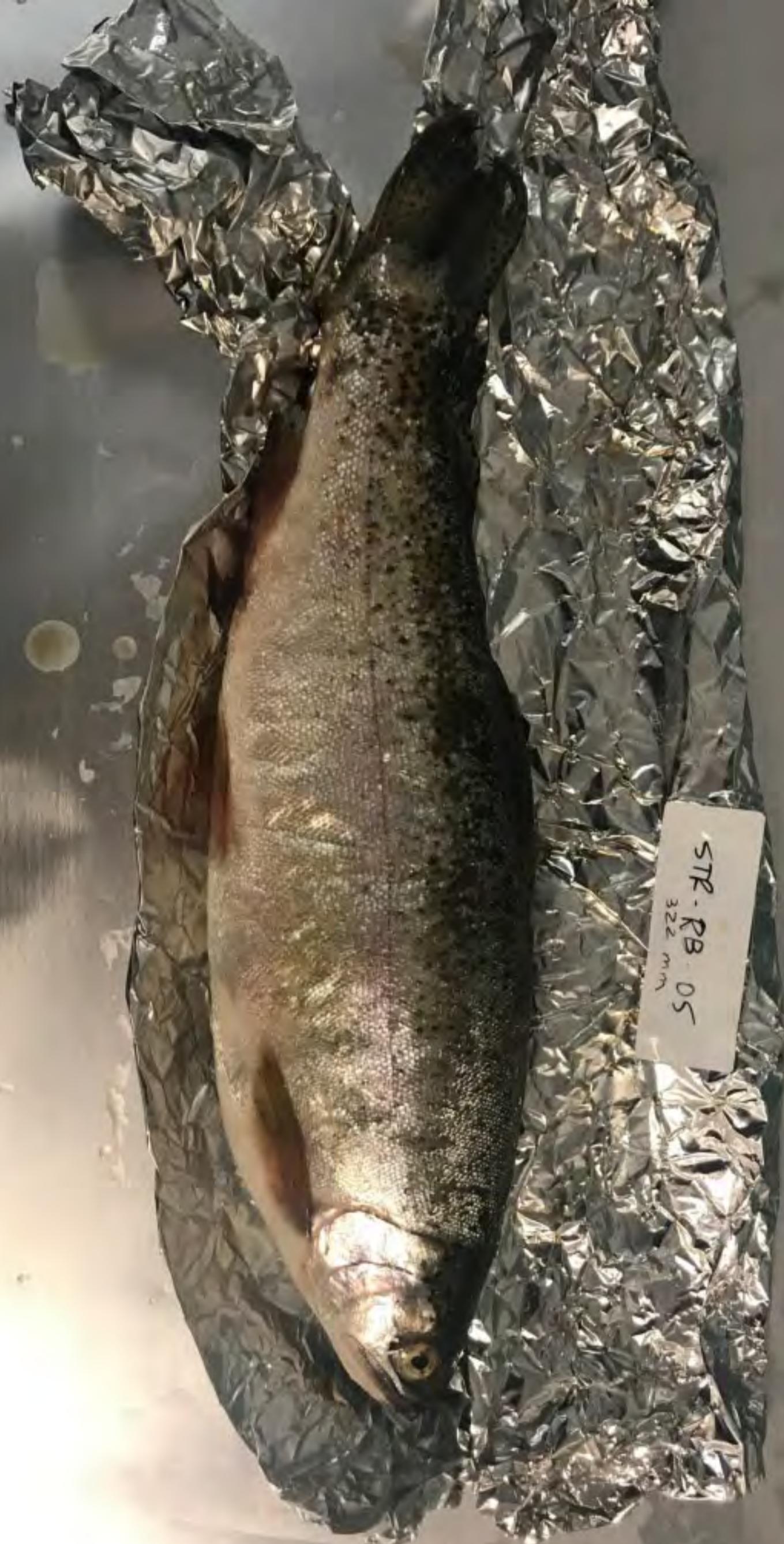
STP-PB-07
350 mm





STR-RB-04
345

HYPER TOLUGH
HYPER TOLUGH
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

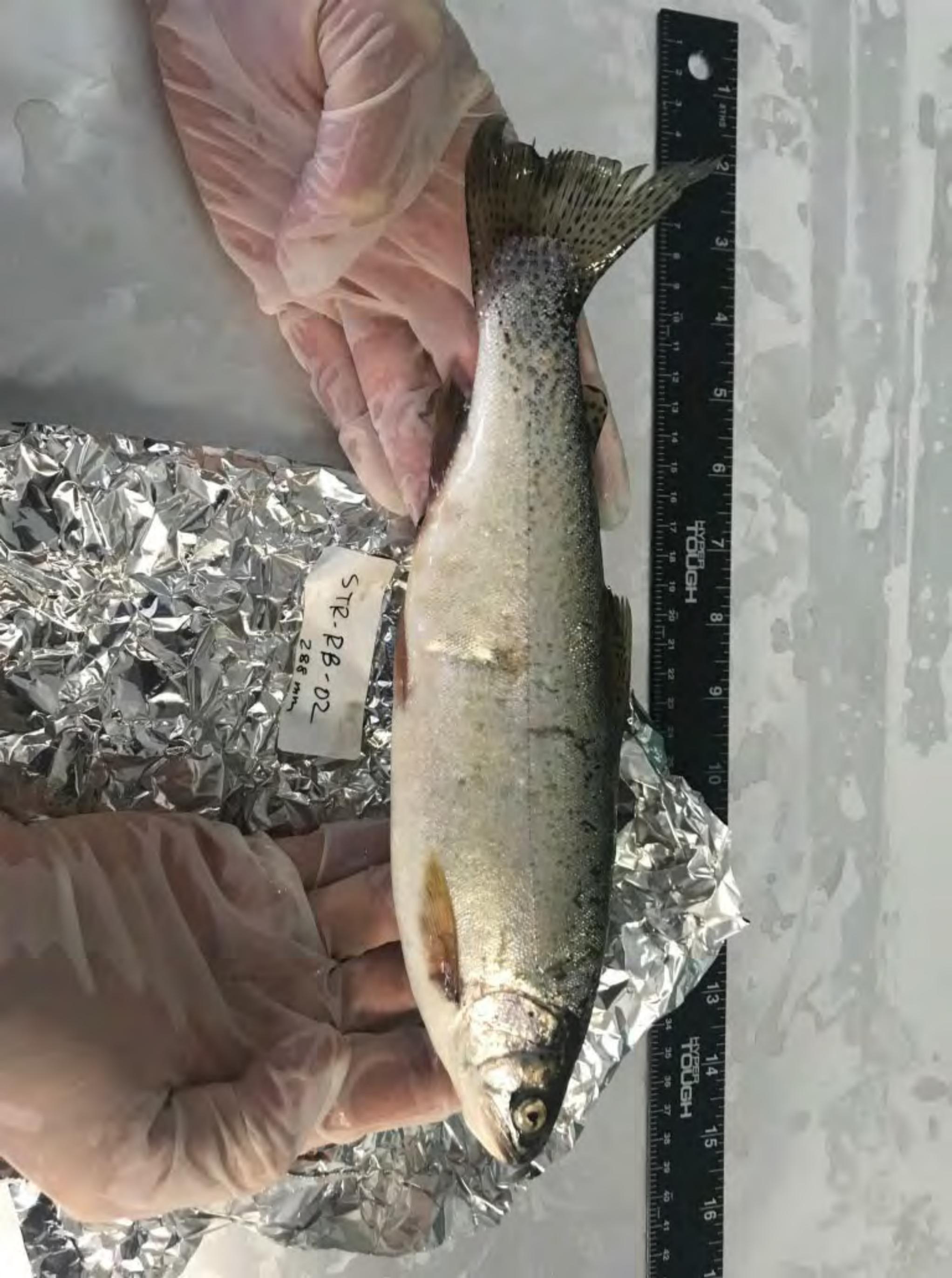


STR-RB-05
322 mm



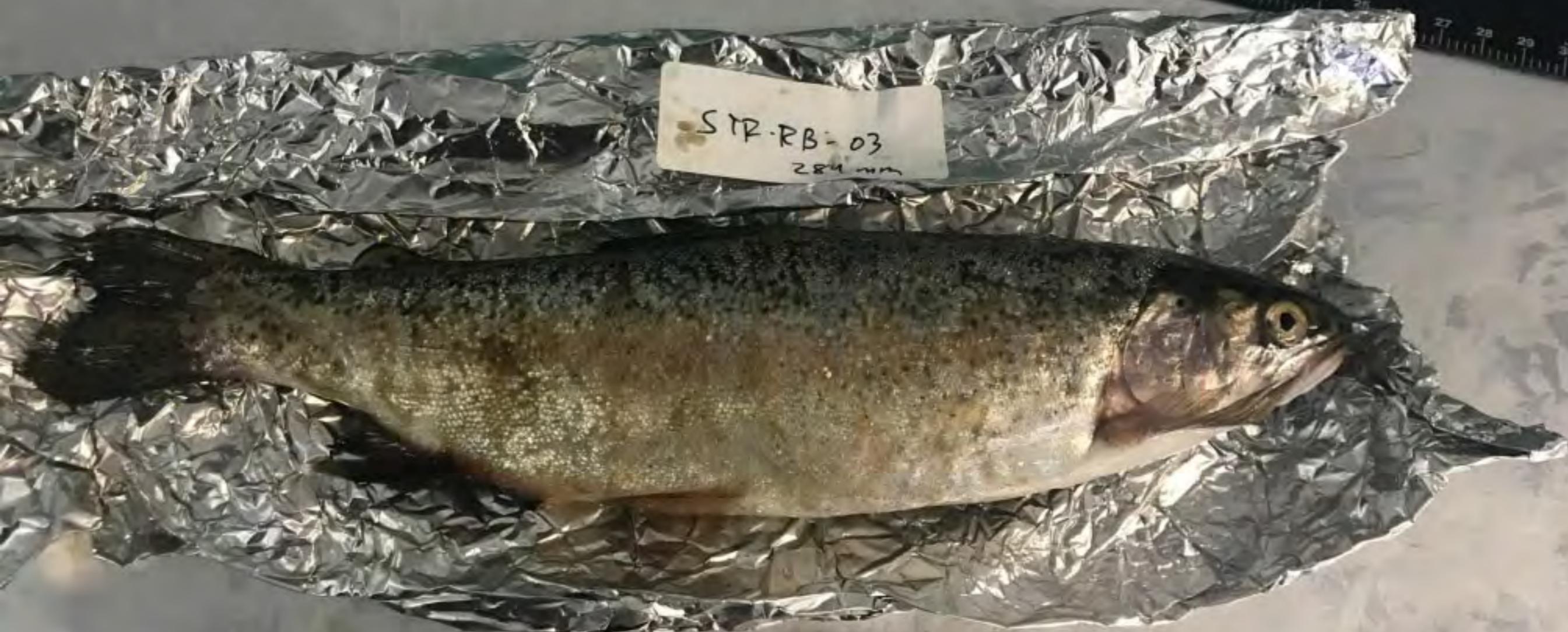
STR-PB-04
322 mm





STR-PB-02
288 mm

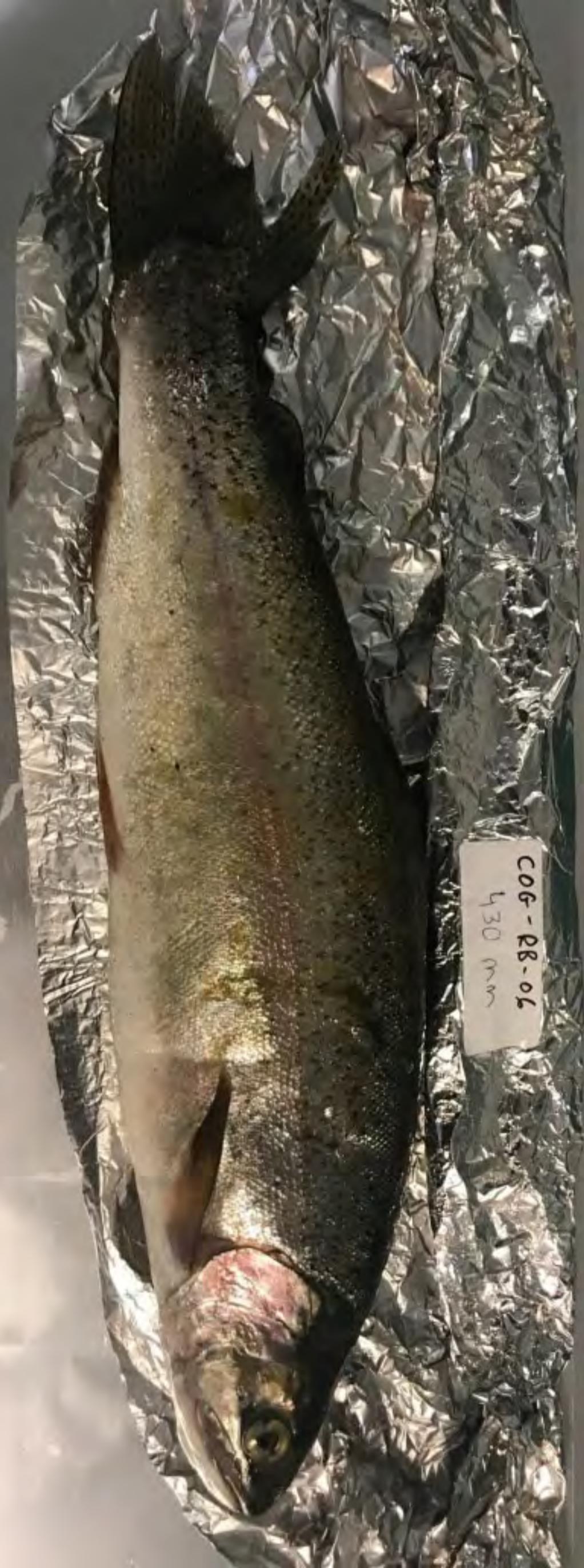
HYPER Tough
HYPER Tough

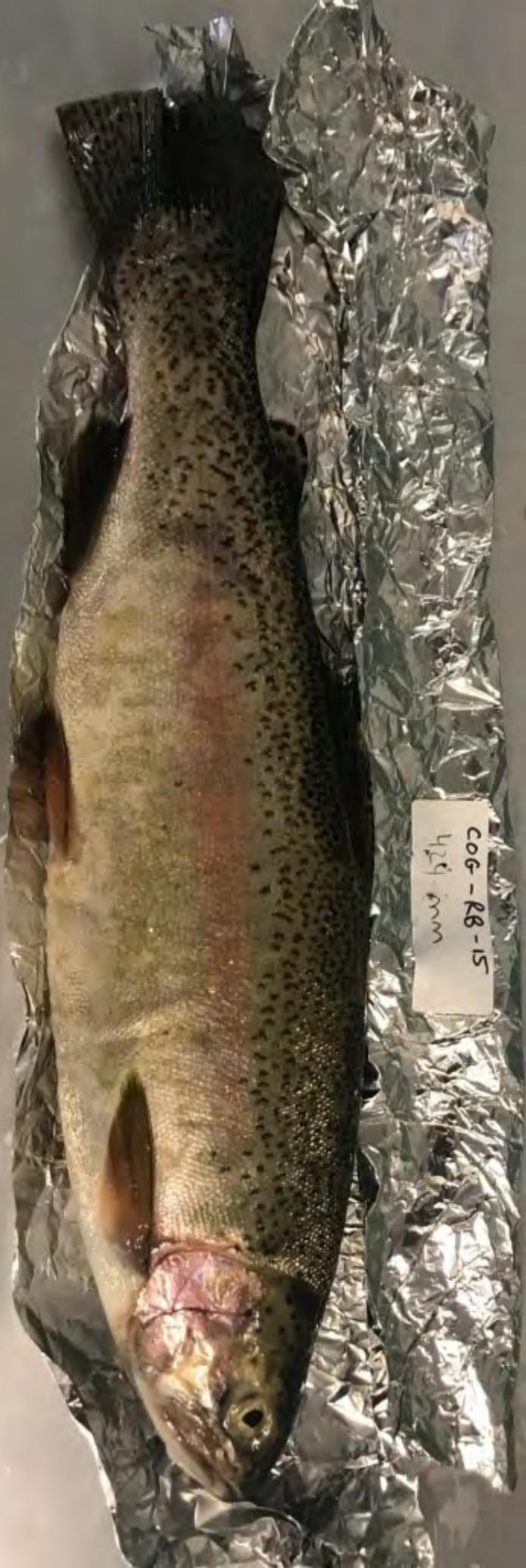


STR-RB-03
284 mm



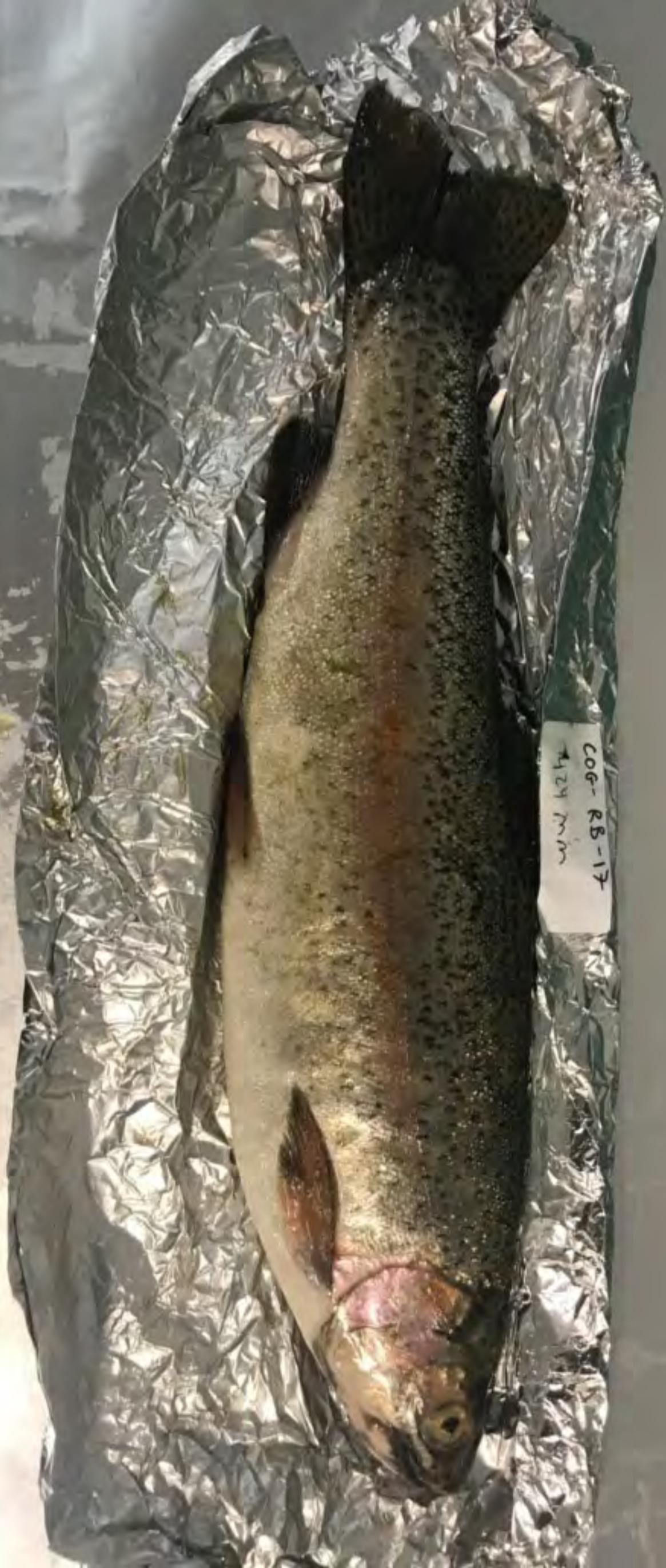
COG-RB-06
430 mm





COG-RB-15
429 mm





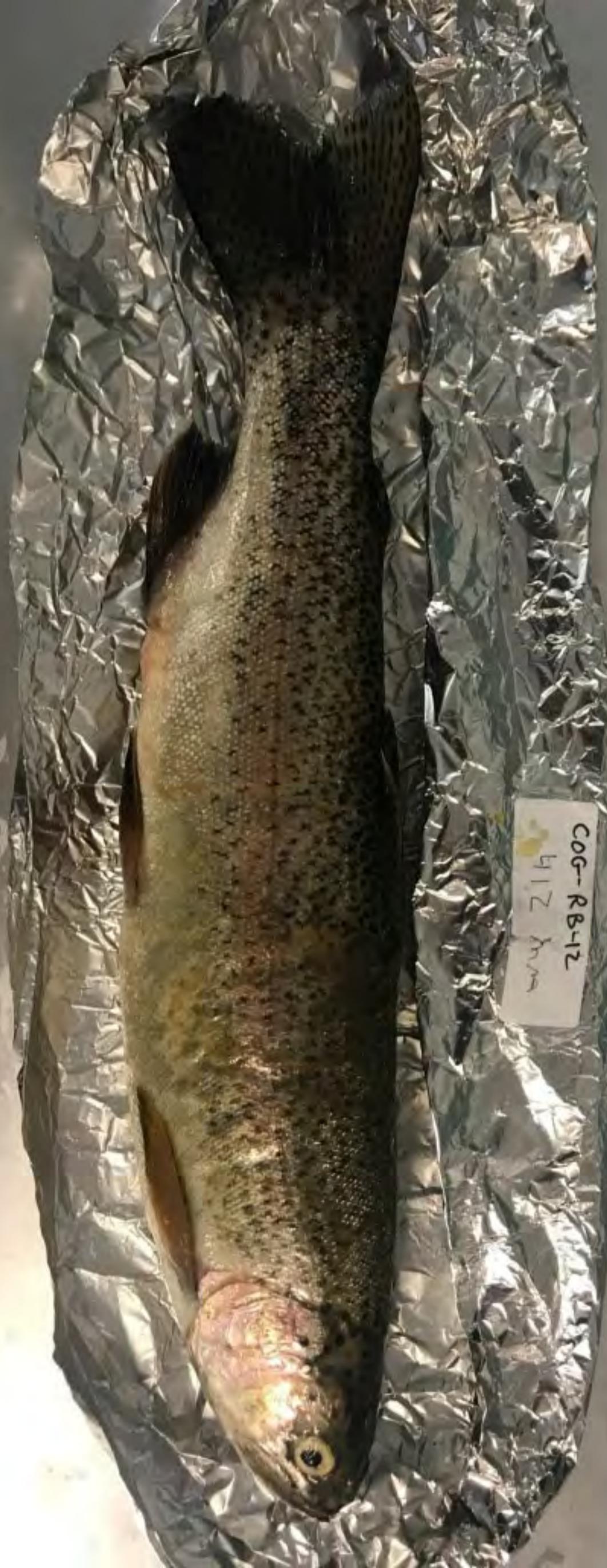
COG- RB-17
424 mm





C06 - RB-20
414 mm



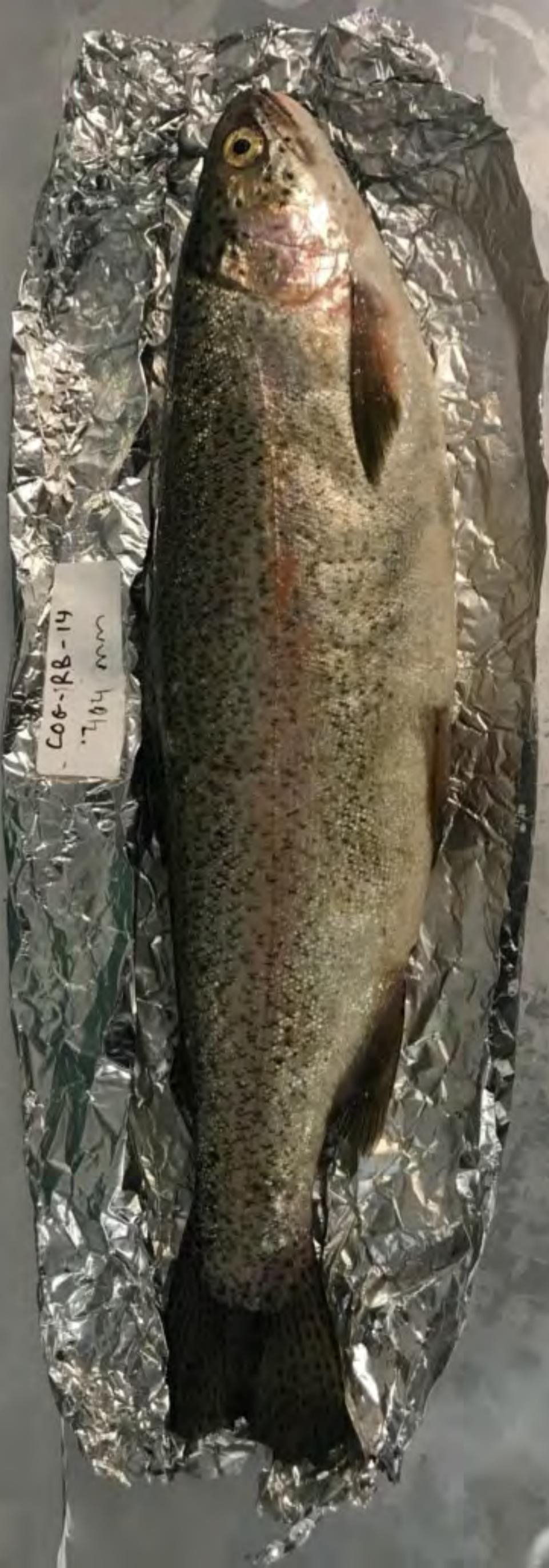


COG--RB-12
412 mm



COG-RB-19
4152 mm



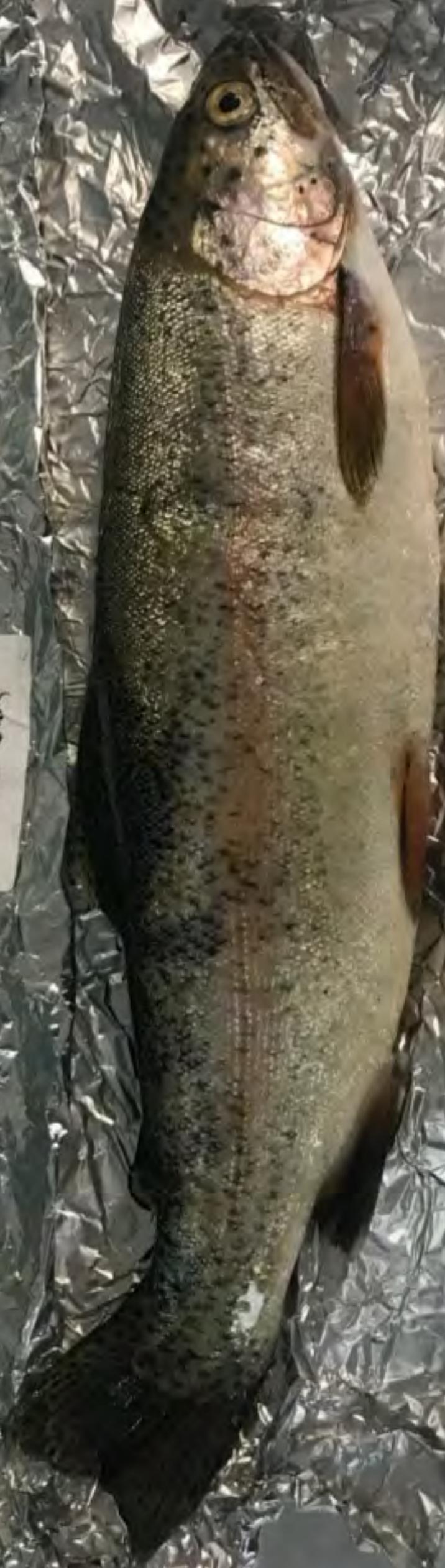


COE-18B-14
704 mm





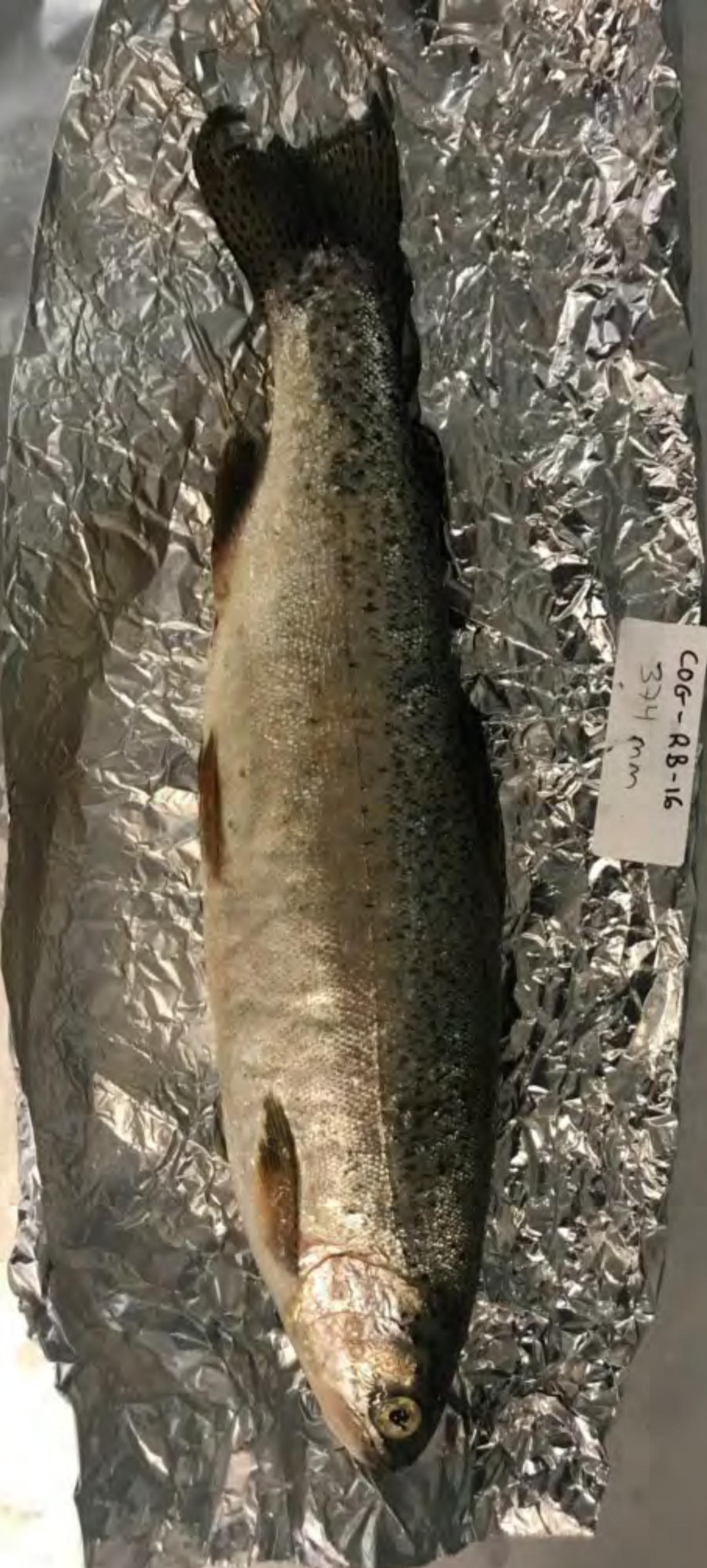
COG-RB-10
382 mm





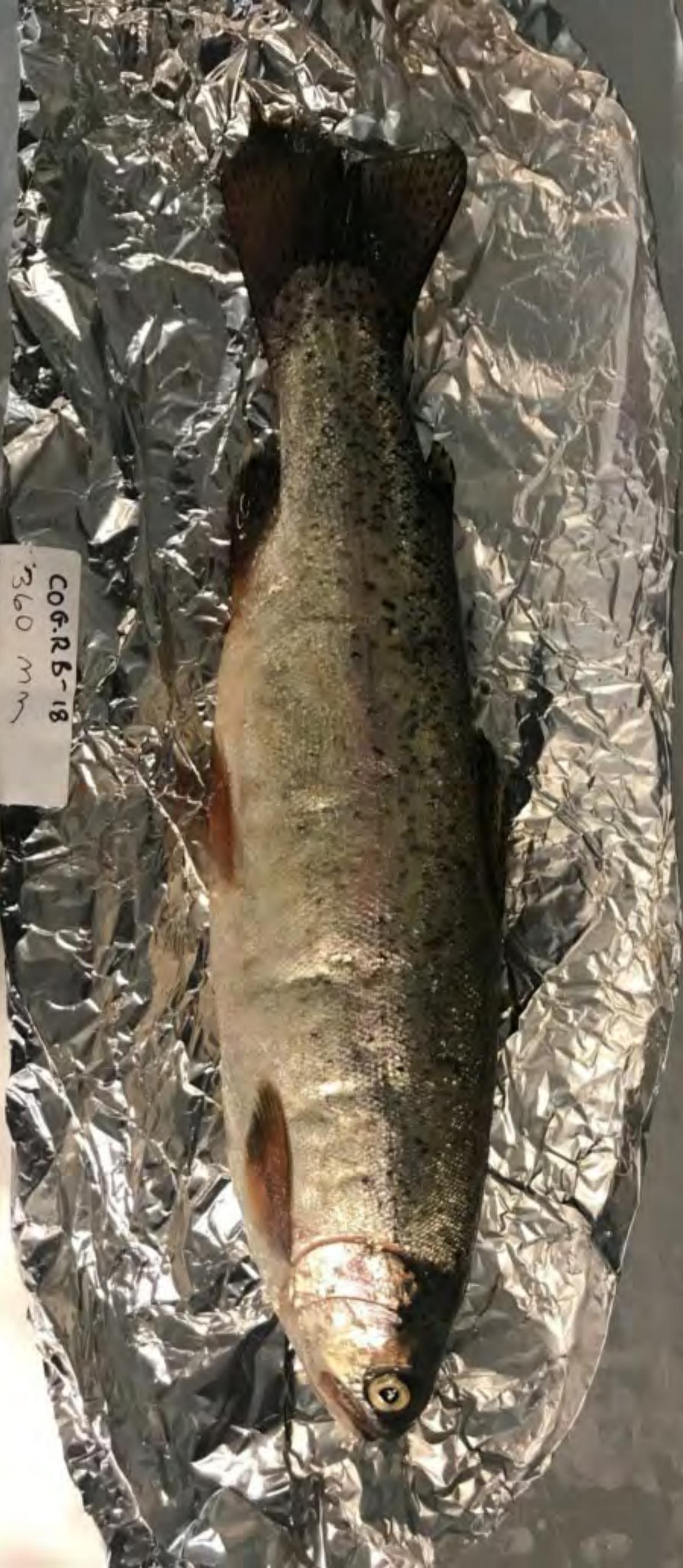
COG-RB-02
378 v





C06-R8-16
324 mm





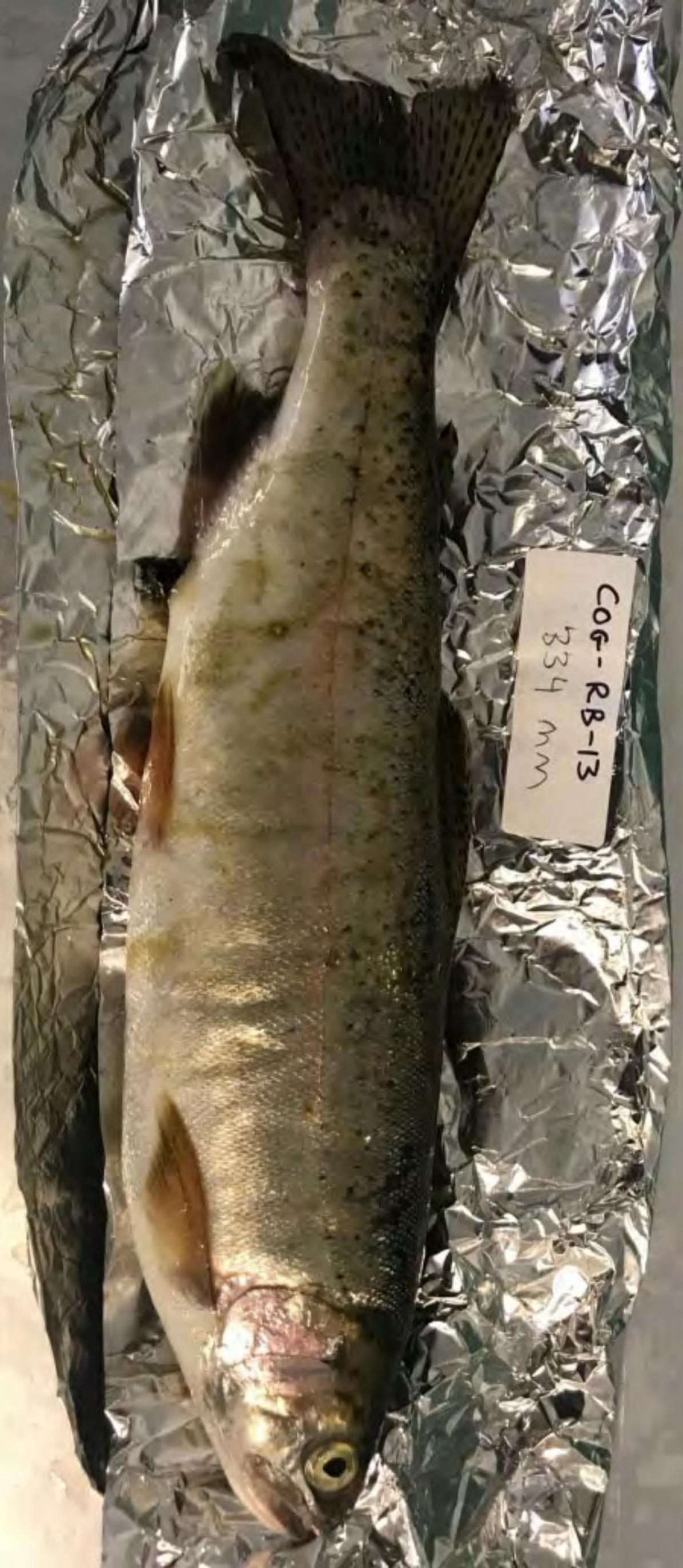
COG-RB-18
360 mm



COG-PB-05
358 mm

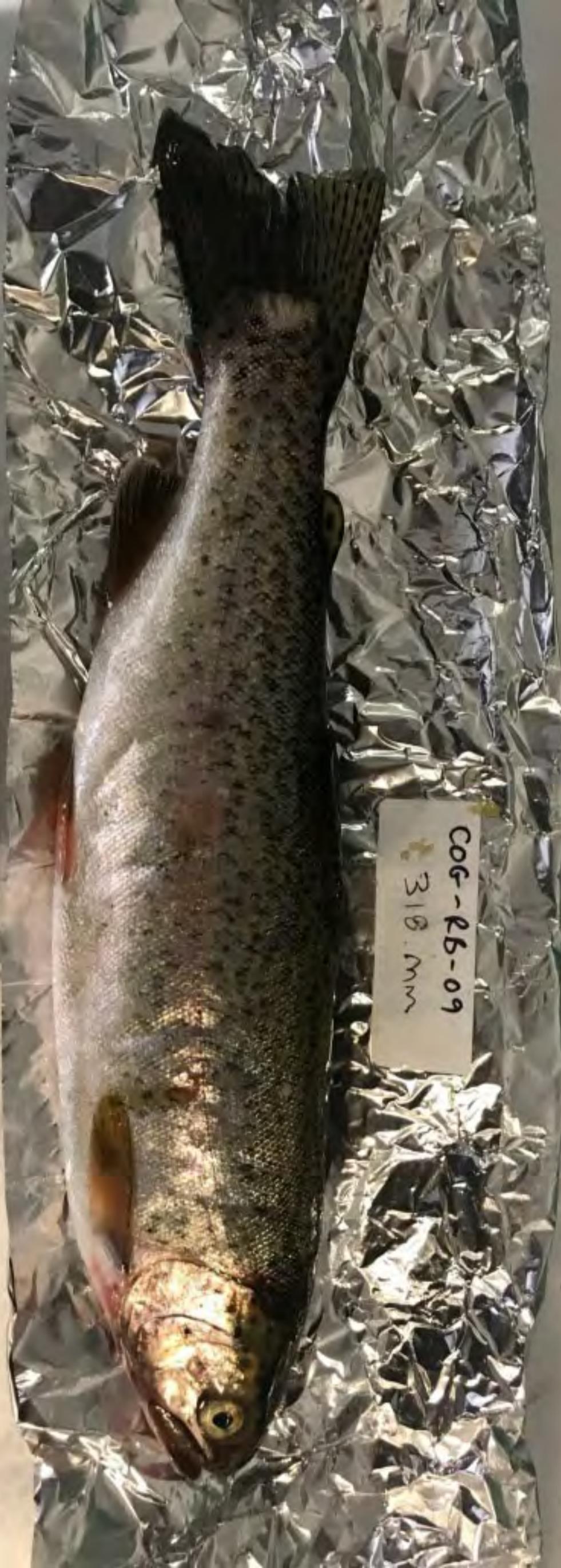


COG-RB-13
334 mm



C06-RB-08
318 mm





COG-RB-09
318 mm

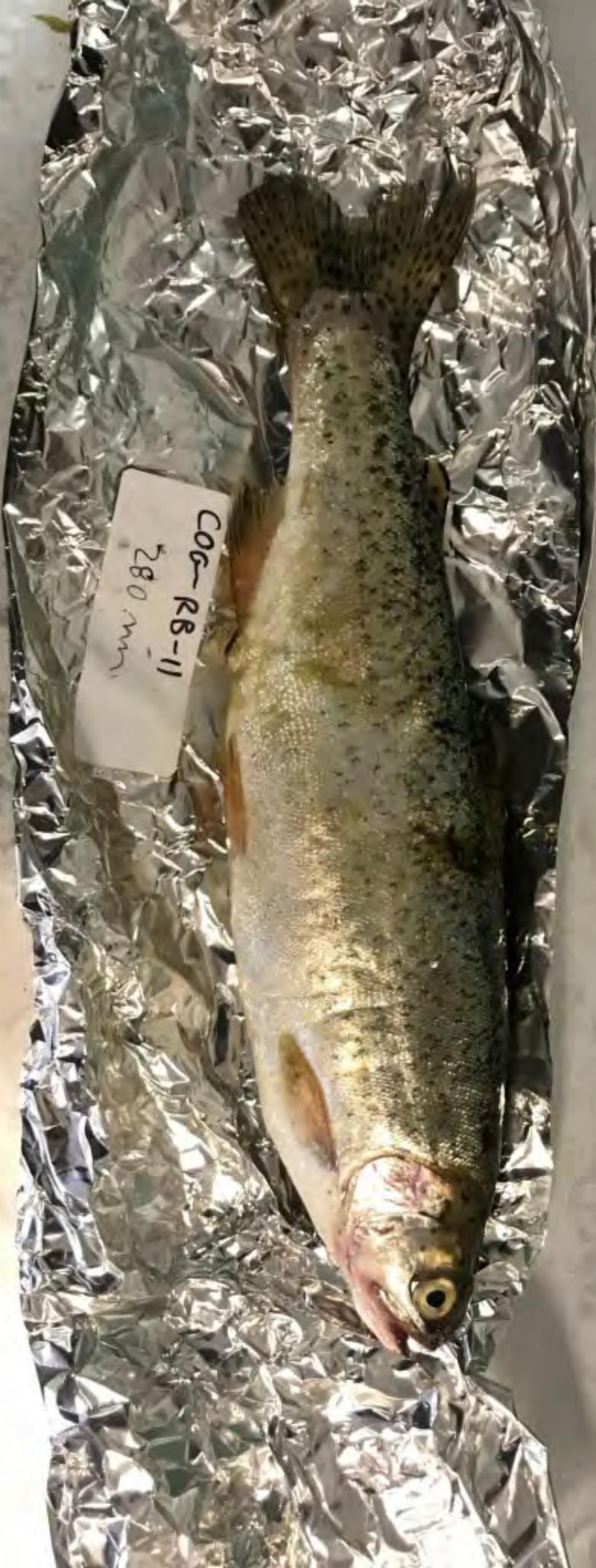


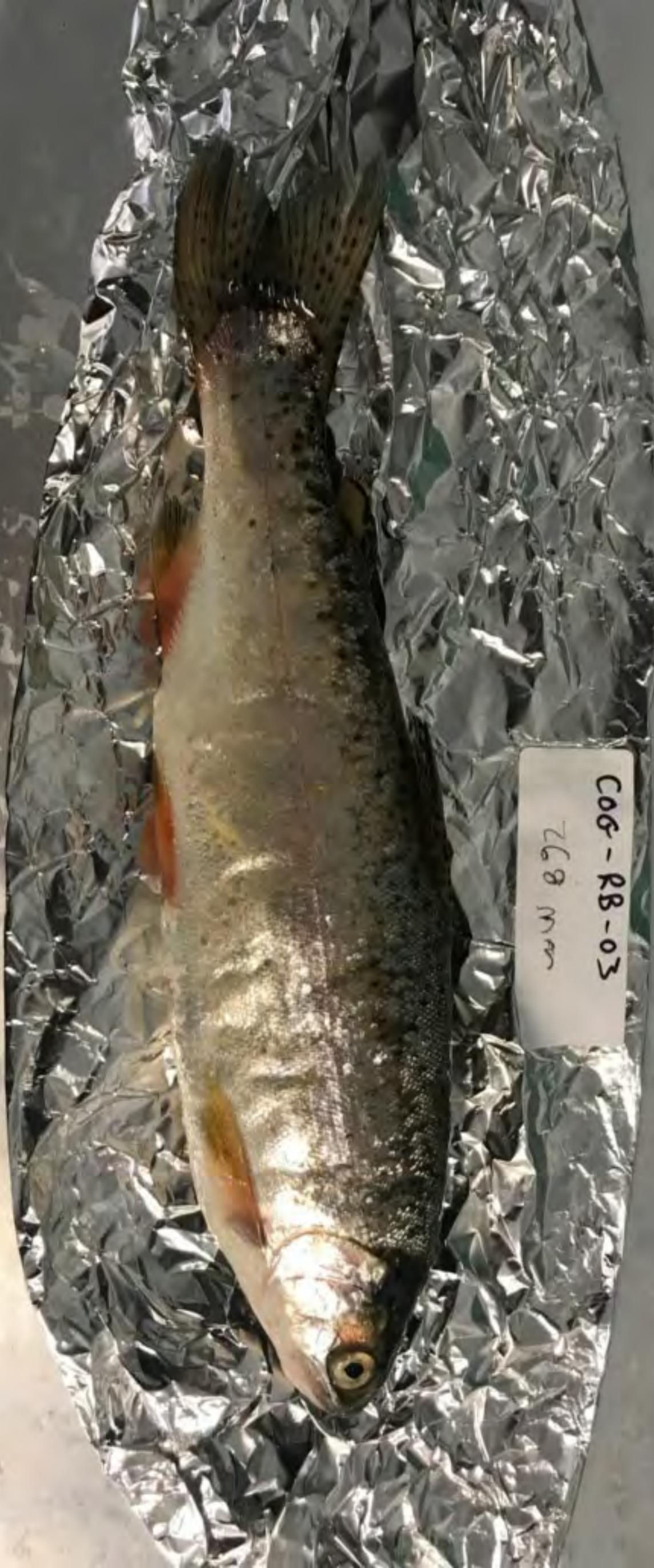
COG - RB-07
288 mm

TOUGH

28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43

COG-RB-11
280 mm





COG-RB-03
268 mm



COG - PB-04
268 mm



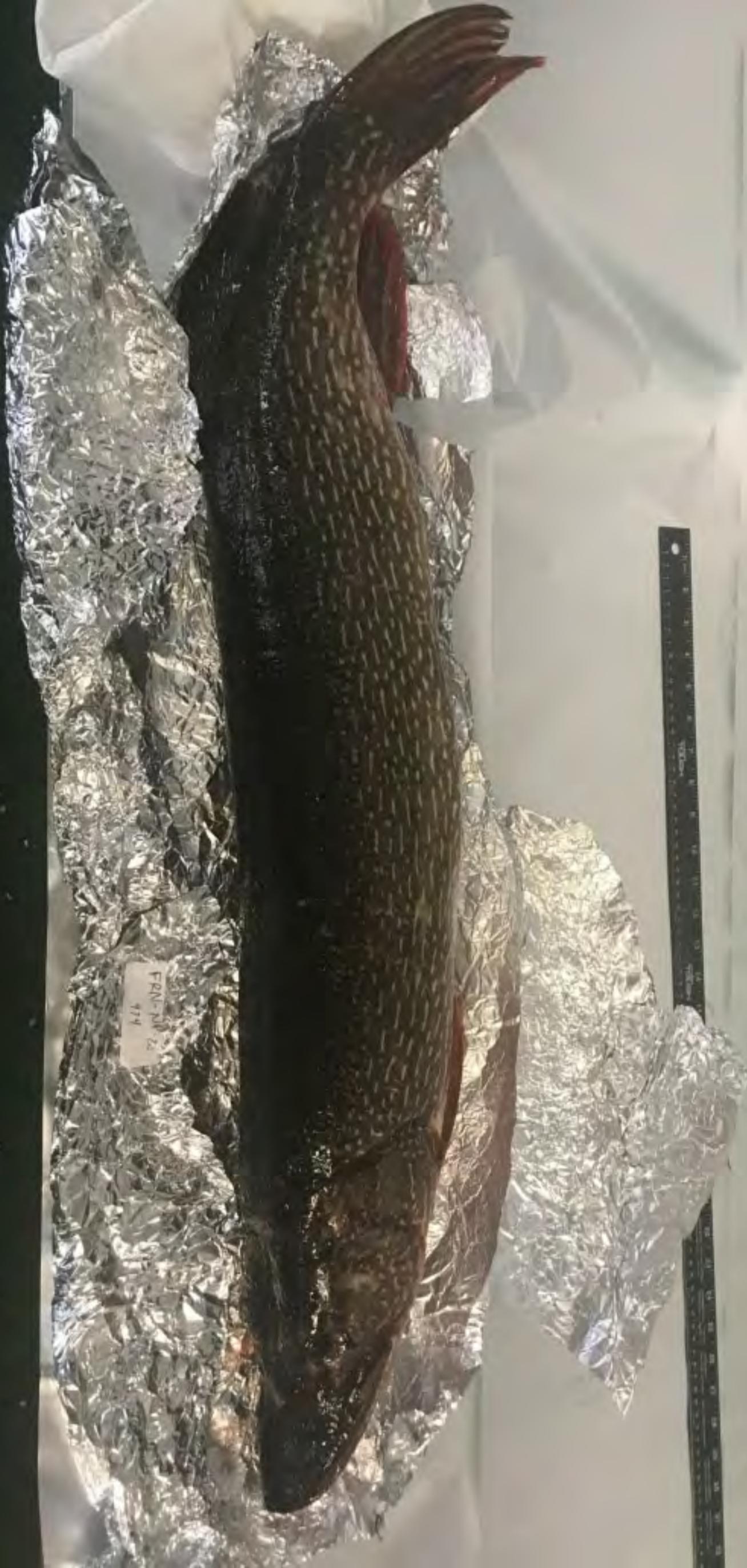
COG-RB-01
262 mm





COG-N1-01
750 mm





FQN-100-2
414





FRAN-18
450

PN-NP-19
820





FRN-NP-14
750





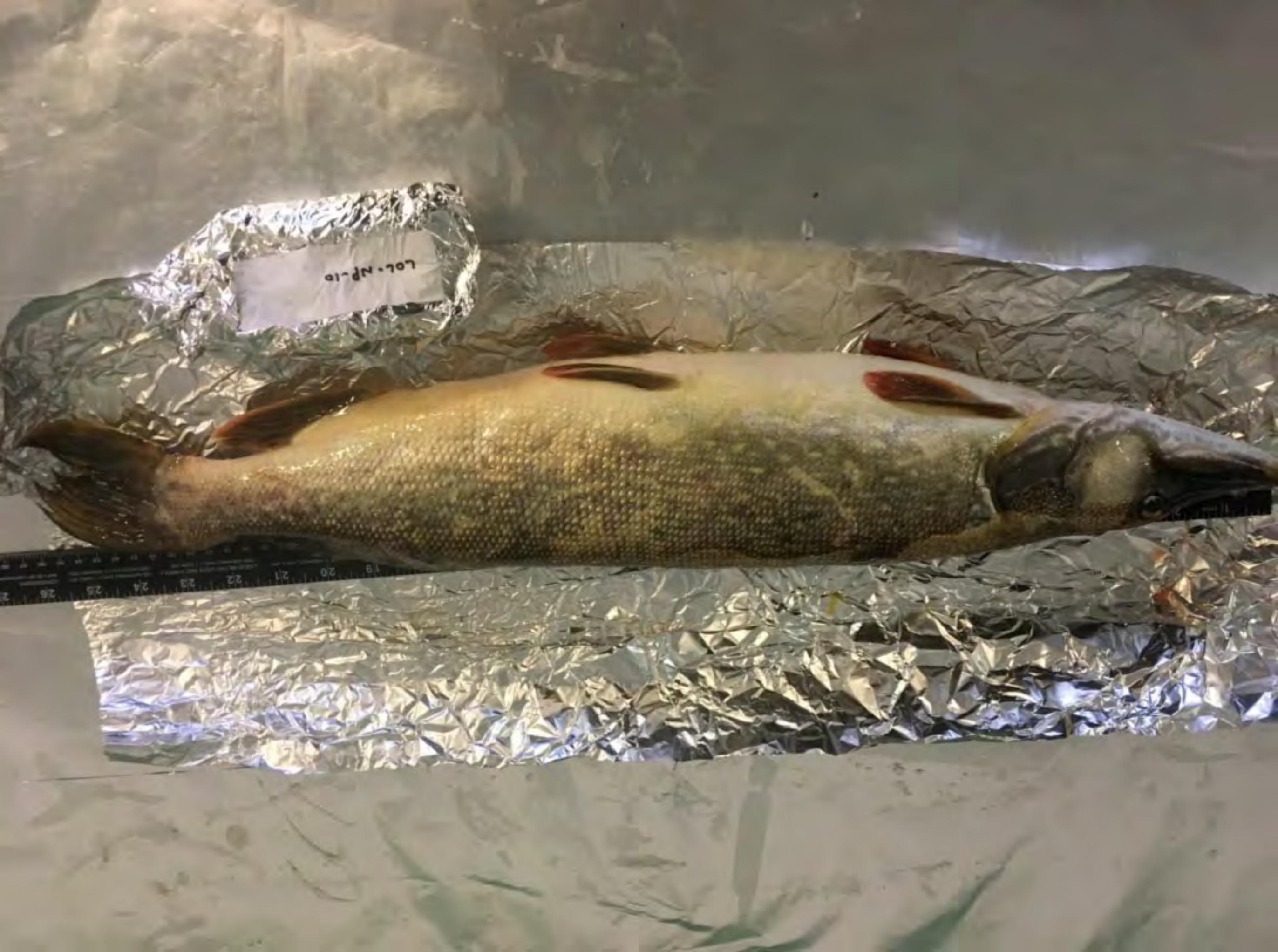
FCN-NP-12
770



FCN-NP-12
770

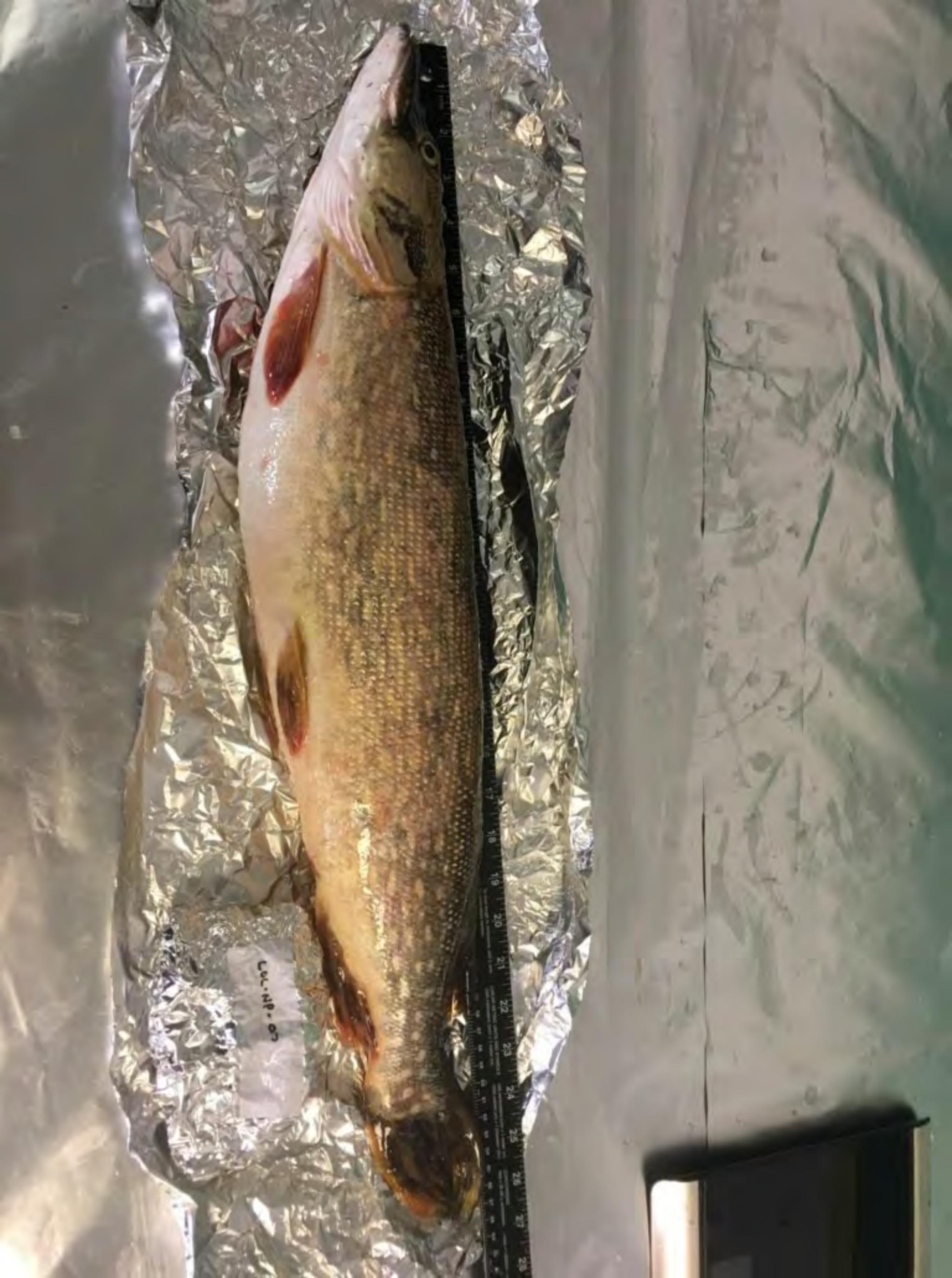
81 - 2N - 701





L06-NP-10

2 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5.0 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6.0 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7.0 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8.0 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10.0

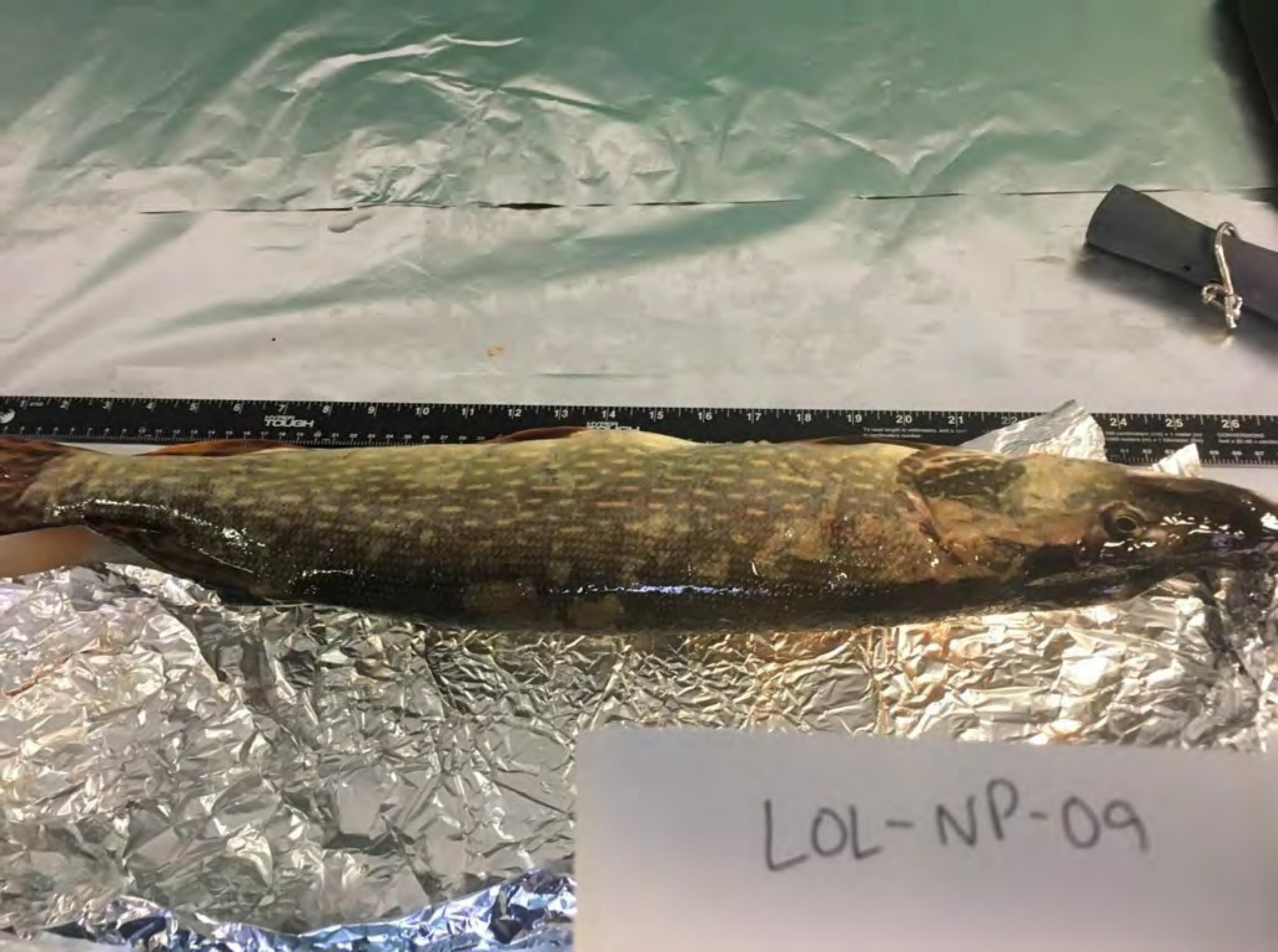


C.C. NP - 07



AVERY 18262™ Easy Peel™ Address Labels
Including return address for postage

LOL-NP-01



LOL-NP-09



FEN-NI-1
760





FRN-MP-17
790